RAJSHAHYE DIVISION-concluded.

DESTRICT.	Name of Municipality.	Number of words.	Boundaries or extent of each ward.	Number of Com- missioners to be elected for each
Bogra—costd.	Sherepore	8	Ward No. I. Bounded on the north, east and west by the municipal limits, and on the south by the Punyatala and the Munsheebaree iteads Ward No. II.—Bounded on the north by the Punyatala and the Munsheebaree Roads; on the south by the Tantiparah and the Kochurghat Ruads; and on the east and west by the municipal limits Ward No. III.—Bounded on the north by the Tantiparah and the Kochurchat roads; and on the east, west and south by the municipal limits	3
Pubna	Pubna	4	Ward No. I.—Mohullahs Parbuttygange, Gopalpur, and the portion of Dilalpur, bounded on the south by Tarini Bahoo's Road; on the north by Parbuttygunge; on the west by the Ichamati river; and on the east by Jackson's Road Ward No. II.—Mehullahs Shibrampur, Raghabpur, and the remaining portion of Dilalpur Ward No. III.—Mohullah Salgaria Ward No. IV.—Mohullahs Ramchandrapur, Atua, Sadhuparah, Puranakuti, Krishtopur, Govinda, Pollanpur, Radhanagar, and	5 2 2
Do	Serajgunge	4	Naraispur Ward No. I.—Mobullahs Goils, Dhanbandi and Garka Ward No. II.—Mobullahs Putiabareo, Rohabareo, Moipur, Malsapara and Pakuria Ward No. III.—The portion of the town lying south of the Pangasi Road and west of the Dhanbandi river Ward No. IV.—The portion of the town lying north of the Pangasi Road and west of the Dhanbandi river	3 3
Darjeeling	Kurseong	Nil.	Nil.	8

DACCA DIVISION.

1112	CATALOG I			
I	Daces	7	Ward No. I.—Bounded on the north by Roy Shaheb's Bazar, Jallah and the Narandia Khal; on the east by the Postogola Road and the land east of Sabek Sarafatgunge; on the south by the Booriganga; and on the west by the road from the Bangla Bazar Ghat to Nowabpore bridge vid Dig Bazar Road and road south and west of the Racquet Court Ward No. II.—Bounded on the north by Roy Shaheb's Bazar, Jallah and the Naya Sarak; on the south by the Booriganga; on the east by Block No. 1; and on the west by the Babu Bazar Khal Ward No. III.—Bounded on the north by the land north of the old	
1			cantonment; on the south by the Roy Shaheb's Bazar and the Narandia Khal; on the east by the Jallah and the Dobi Khal; and on the west by the Nowabpore Road up to the Mugh Bazar Road crossing vid road south of Phonix Park Ward No. IV.—Bounded on the north by the northern boundary of the Rumna or race-course ground; on the south by Blocks	
			Nos. II and V; on the east by Black No. III; and on the west by the Dewan Bazar Road and the road west of the race-course ground or Rumna Ward No. V.—Bounded on the north by Block No. IV; on the south by the Booriganga; on the east by Blocks Nos. II and V; on the west by the road east of the Central Jail, the Chowk, and the	
	\.		Bara Katara Lane Ward No. VI.—Bounded on the north by Shahbagh (Shahbagh being included) and lands adjoining it; on the south by the river Booriganga; on the east by Blocks Nos. V and IV; and on the west by the Lulbag Road and the roads west of Dhakeswari and the Shahbagh Ward No. VII.—Bounded on the north by the village of Brahman-	
Ditto	Naraingunge	8	tooleo, the jungle of Maneswar, the pilkhans, and the jungle north of Azimpura read; on the east by Block No. VI; on the west by Shikaritolah Khal; and on the south by the river and the chur Ward No. I.—Mohullahs Sitalaklıya, Naluya, Nitaigunge, Tantipara,	
			Patnipere, and Sutarpara Ward No. II.—Mohullahs Kutipera, Nyamati, Tanti Bazar, Uttar Taw Bazar, Galachipa, Palpara, Chusara, Khanpur, Mokorba, Hazigunge, Roshanbag, and Bahurail Ward III.—Mohullahs Madangunge, Sonakanda, Bandar, Ekrampore, and Nabigunge	

.DACCA DIVISION - continued.

District.	Name of Municipality.	Number of wards.	Boundaries or extent of such ward.	Number of Com- "missimers to be elected for each ward.
Furreedpore F	urreedpore	б	Ward No. I.—Bounded on the east by the middle of the road running west of the police-station, and a line straight with that road produced north and south to meet the north and south boundaries	
			of the municipality; on the south-west and north by the boundaries of the municipality Ward No. II.—Bounded on the east by the middle of the road running east of the reservoir known as the "Jala" till it meets the Avenue Road; thence by a line drawn due north to boundary of the municipality; on the west by the eastern boundary of ward	8
			No. 1; on the south and north by the boundaries of the muni- cimility Ward No. III.—Bounded on the east by a line drawn due south from the north-east corner of the District Engineer's compound;	2
	1		on the north by the middle of the Avenue Read; on the south by the boundary of the municipality; and on the west by the castern boundary of ward No. II Ward No. IV.—Bounded on the east and south by the boundary of	3
			Road till it meets the khal, and thence in a line straight with the Avenue Road produced to the eastern boundary of the municipality; and on the west by the eastern boundary of ward	
			Ward No. V.—Bounded on the east and north by the boundary of the municipality; on the south by the northern boundaries of wards Nos. III and IV; and on the west by the eastern boun-	
Ditto	Joalundo ,,,	5	Ward No. I.—Amlahpara.—Bounded on the north by Kayapati Bazar and Monoharpati Road; on the south by Debeugram or Bethurikhal; on the east by the river Ganges; and on the west by Sujabad cultivation and Bethuri	2
	194 E	17.0	Ward No. II.—Kayayati Bazar.—Bounded on the north by Panchas Hazari Road and by the east face siding; on the south by Monoharpati and road; on the east by the east face siding and river Ganges; and on the west by the Panchas Hazari Road and	
		15	Bisva Nathpore and Bhabail cultivation Ward No. III.—Nikaripara and Makajanpati.—Bounded on the north by the river Ganges; on the west by Bhabail cultivation; on the east by the river Ganges; and on the south by Panchas	1/10
			Ward No. IV.—Bhabail Bazar.—Bounded on the north by the river Ganges; on the south by Panchas Hazari Boad; on the east by the railway line; and on the west by the junction road	3
Ditte	Madaripore	7	Ward No. V.—Char Pallando.—Bounded on the north by the Bhaboil Bazar; on the south by the Char Pallando village road; on the west by the river; and on the east by the railway Ward No. I.—Amirabad, Bandar, Chur Madaripore Rajnagar	3 2
		1	Ward No. II.—Lakorigunge Ward No. III.—Chur Khagdi, Chur Mugaria Ward No. IV.—Khagdi Ward No. V—Madaripore village Ward No. VI—Kulpoddi	3 3 2
Backergunge	BurrisM	. 5	Ward No. VII.—Rasti, Hazrapore Ward No. II.—Rasti, Hazrapore Ward No. II.—Amanatgunge, Kaonea, and Kotwali Ward No. II.—Kalibaree and Sagardi Ward No. III.—School and Alikanda	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Mymensingh	Nasirabad	5	Ward No. IV.—Bagura and Kulibari Ward No. V.—Church Ward Ward No. I.—European quarter, Jeil and Katchi Jhali.—Boundaries; north-east, river; south-east, N. Bund road forms junction with	2 8
			Keranipara Road and Jail Road Ward No. II.—East, river; north-west, Keranipara to Jail Road; south, Jail Road to Kamarpatti Road; east, Kamarpatti and Shakhanipatto Road	8
		1	Ward No. III.—North-east, Jail Road to Kamarpatti Road; west and south-west, Ithhola Road to junction with Theatre Road; east, Old Theatre Road; ward No. IV:—West, Kamarpatti, Sutarpatti, and Theatre Road;	
	year or	11 11 11 11 11 11 11 11 11 11 11 11 11	north-east, river; east, Maharajah's Road, Jamir Lamharipara Road	8
Ditte	Muktagaoha	Nil	NiL	6

[.] Manicipalities in which the Commissioners will not be elected for wards, but for the whole town.

DACCA DIVISION—concluded.

Name of Sumicipality.	Number of wards.	Boundaries or essent of each ward.	Number of Com- missioners to be elected for each ward.
Jamalpore	7	Ward No.I.—Mchullahs Jamalpore, Shingjani, Fulberia, Basrapore, and Mukundaliari Ward No. II.—Mchullahs Kutusia, Haripur, Abharpore, and Kalipore Ward No. III.—Mchullahs Janjalpara, Dapaina, Bishnapore, Nasurpore, Kursha, Hosseinpore, Khupibani, Palisa and Kusharipatta Ward No. IV — Mchullahs Beltia, Kachasara, and Kalaholia Ward No. V.—Mchullahs Dohokura, Tetulia, Ramnagar, Palashgar, Jugirjhopa, and Nakati Ward No. VI.—Mchullahs Deorpar, Chandra, Rasedpur, Baguhaid, Rasidpore, and Baguhaid Ward No. VI.—Mchullahs Hat Chandro, Chandra, Kampapur,	1 1 2 2 1
Sherpore	6	Gunbaria, and Pathalia Ward No. I.—Mohuliahs Rajbari, Gobindagunge, Krishnagar, Kalibazar, Bhasharkhila, Gopalbari, Dhakalhati, and Narainpore Ward No. II.—Mohullahs Munshibazar, Raghunath Bazar, Grida Narayanpore, Shibbari, Shackhati, Narainpore, and Durgapore Ward No. III.—Mohullahs Rajballahpore, Nobinchur, East Sheri, Middle Sheri, West Sheri, Madhabpore Ward No. IV. Mohullahs Kharampore, Bagrakas, Katgur, Goalpara, Kacharipara, Mullapara, and Barakpara Ward No. V.—Mohullahs Mirgunge and Gouripore Ward No. VI.—Mohullahs Mobarakpore, Naihata, Dighirpar, Tatal-	3 3 1
Kishoregunge	5	Ward No. I.—Mohullahs Gangail, Shotakia, Baghargati, Kut Sholakia, Janghirpur and Chur Sholakia, Bazar Ichagunge, Atkapara and Kabitarbaz Ward No. II.—Mohullahs Raknail, Sridharkhila, Chur Dabail, Gaital, Lamapara, Lalitenbad, Danikona, Rasidabad, and Shogra Ward No. III.—Mohullahs Katiar Chur, Bazar Haibatnagar, Hara Khamar Taluk, Gridan, Nagna, Binnago Batrish, and Bazar Kishoregunge Ward No. IV.—Mohullahs Ekrampore Bazar, Tarapasha, Baila, Ekrampore, Shatal, Nayanagar, and Chundro Nagar Ward No. V.—Mohullahs Baina, Chur Gangail, Rajkanto, Dariabad, Terahissa, Kapashatia, Badesshi, and Poranbowlai	3 3 3
	Jamelpore	Sherpore 6 Kishoregunge 5	Jamelpore 7 Ward No. I.—Mohullahs Jamelpore, Shingjani, Fulberia, Barrapore, and Mukundalieri Ward No. II.—Mohullahs Kuturia, Haripur, Abharpore, and Kalipore Ward No. III.—Mohullahs Janjaipara, Dapaina, Bishnapore, Nasurpore, Kursha, Hosseinpore, Khupibani, Falisa and Kusharipatta Ward No. IV.—Mohullahs Beltia, Kachasara, and Kalaholia. Ward No. V.—Mohullahs Beltia, Kachasara, and Kalaholia. Ward No. VI.—Mohullahs Deorpar, Chandra, Rasedpur, Baguhaid, Rasidpore, and Baguhaid Ward No. VII.—Mohullahs Hat Chandro, Chandra, Kampapur, Gunbaria, and Pathalia. Ward No. II.—Mohullahs Hat Chandro, Chandra, Kampapur, Gunbaria, and Pathalia. Ward No. II.—Mohullahs Musshibazar, Kaghunath Bazar, Grida Narayanpore, Shibbari, Shaokhati, Narainpore, and Durgapore Ward No. II.—Mohullahs Rajballahpore, Nobinchur, East Shari, Middle Sheri, West Sheri, Madhabpore Ward No. IV.—Mohullahs Kharampore, Bagraksa, Katgur, Goalpara, Kacharipara, Mullapara, and Barakpara Ward No. V.—Mohullahs Mirgunge and Gouripore Ward No. V.—Mohullahs Moharakpare, Nahista, Dighirpar, Tatalpur Ward No. I.—Mohullahs Gangail, Shotakia, Baghargati, Kut Shotakia, Janghirpur and Chur Sholakia, Bazar Ichagunge, Atkapara and Rabitarbas Ward No. II.—Mohullahs Raknail, Sridharkhila, Chur Dabail, Gaital, Lamapara, Lalitenbad, Danikona, Rasidabad, and Shogra Ward No. IV.—Mohullahs Katiar Chur, Bazar Haibatnagar, Hara Khamar Taluk, Gridan, Nagna, Binnago Batrish, and Bazar Kishoregunge Ward No. V.—Mohullahs Ekrampore Bazar, Tarapasha, Baila, Kerampore, Shatal, Nayanagar, and Chundro Nagar Ward No. V.—Mohullahs Sina, Chur Gangail, Rjakanto, Dariabad, Tarahissa, Kapashatia, Badeashi, and Poranbowlai

CHITTAGONG DIVISION.

hittagong	Chittagong		Ward No. I.—Mohullahs Bibi's Hat, Shola Shahur, Sloop Bohur, Moradpur, Kapasgola, and Shanghootna Ward No. II.—Mohullahs Chowk Bazer, Joynagar. Chandunpoora, Dewan Bazer, Rohamatgunge, and Ghat Furhadbeg Ward No. III.—Mohullahs Jamal Khan, Bagmoniram, Enzyet	
			Bazar, Andurkilla, Buxir Hat, Kaitangunge, and Pathurghata Ward No. IV.—Mohullahs Feringhee Bazar, Sudder Ghat, Alcoran, Madar Bary, South Madar Bary, Pattor Tolly and Dewan Hat	
Noakholly	Noukholly	5	Ward No. 1.—Taltoly Ward.—Bounded on the north by Taktakhali Khal; on the west by the municipal boundary; on the south by Bhowanigunge Road; and on the east by Taltoli Khal Ward No. II.—Fakirtola Ward.—Bounded on the north by Bhowanigunge Road; on the west by the municipal boundary; on the	
	1		ward No. III.—Bara Basar.—Bounded on the north by Bruce's Tank Road; on the west by Fakirtola Road; on the south by Kalitara and Dewanpara Roads; and on the east by Kutcherry	
			Ward No. IV.—Circuis House Word.—Bounded on the north by Dewanparasand Kalitara Roads; on the west by Dewanpara Road; on the south by the municipal boundary; and on the east by	
			Gopi Munshi Road and a line to the south boundary Ward No. V.—Kalitara.—Bounded on the north by Taktakhali Khal; on the west by Taltoli Road; Kutcherry Road, Gopi Munshi's road and a line to the south boundary; on the south by the municipal boundary; and on the east by the municipal boundary and Taktakhali Khal	

CHITTAGONG DIVISION—concluded.

Boarsion.	Name of Manicipality.	Number of wards.	Boundaries or extent of each ward.	Number of Cem- missioners to be elected for each ward.
Tipperah	Commillah		Ward No. I.—Mohullahs Bajapur, Dhukhin Churtha, Uttar Churtha, Gangagunge and Kasarupullu Ward No. II.—Mohullahs Manahurpur, Kandirpur I, Kandirpu II and Gobindpur Ward No. III.—Mohullahs Cholorah, Kailoguree, Bishnapur, Jannaugar and Bajgunge Ward No. IV.—Mohullahs Geng Chur, Chak Bazar, Muradpur I, Muradpur II, Sangraish, Sujagunge, Mirpur and Sicar Chur	2 2 3
Ditto	Brahmanberia		Ward No. I.—Mohullahs Bazar Brakmanberia, Kalaisri, Pukharpur, Kasharipati and Chatkipara Ward No. II —Mohullahs Pachim Nuddah, Bazar Nuddah, Bulba- ria, Sirpore, and Paikpara Ward No III.—Mohullahs Shemrailkandi, Mourail, Kantale, Bhadu- ghur and Nowapara Ward No. IV.—Mohullahs Gokarna, Bazar Gokarna, Paertala, Darizpur and Brahmanbati	2 2 3

PATNA DIVISION.

ув	Эув	10	Ward No. I.—Bounded on the north by the municipal boundary; on the south by Runga Bahadur Road; on the east by the river; and on the west by the municipal boundary
24.77		1	Ward No. II.—Bounded on the north by Runga Bahadur Road; on the south by Kathokar Nallah; on the east by the River Road;
	AVE LESS	1	ward No. III.—Bounded on the north by Bunga Bahadur Road; on the south by Kathokar Nallah; on the east by Cutchery Road;
			Ward No. IV.—Bounded on the north by Runga Bahadur Road; on the south by Palmer Road; on the east by Ripon Road; and on
			Ward No. V—Bounded on the north by Kathokar Nallah and Pal- mer Road; on the south by Katare Road; on the east by the river;
W- 1			ward No. VI.—Bounded on the north by Katare Road; on the south
Marie .	· Property		wast by Godavery and Munglagouri Roads Ward No. VII.—Bounded on the north by Nowagarigati Street; on the south by Chanchowra Street; on the east by the river; and on
			Ward No. VIII.—Bounded on the north by Chanchowra Street; on the south by the municipal boundary; on the east by the river; and on the west by the municipal boundary
To be a			ward No. IX.—Bounded on the north by Katare Road; on the south and west by the municipal boundary; and on the east by Godarery
			Ward No. K The portion of the municipality on the other side of
carufferpore	Hajipore		Ward No. I.—Mohullahs Nukhas, Manik Chowk, Chowk, Noongols; Mooftibazar, Chowdhery Mobarukalli, Kanhaimal Mednimul, Hossein Khan, and Pandriwa Ward No. II.—Mohullahs Maggorlatta, Hela Bazar, Rambhadder, Muderkilla, Pokhra, Ibrahimgungo, Dhanauti, Bagdalahan, and
			Ward No. III.—Mchullahs Bagmoosa, Bagmani, Bagmalli, Khatti- gunge, Maksoodpore, Tangowli Sanchiputty, Hamsargunge, and
		1.00	Khutsy Barkhordar Ward No. IV.—Mohallahs Jarooha, Minapur, Syedpur Idris, Chewdherybazar, Chak Bara Chhip, Tols, Patwa Toli, and Bharath
ourbhungs	Durbhangs	7	Ward No. I.—Mohullahs Bela, Bela Dillah, Bela Shan ker, Mawe, Gadhi, Moheshpatti, Babhan, Gauwan, Murlagunge' Alinaggar, Sunderpur, Kaligunge, Tattehaligunge, Alafgunge' Haluman
		1 190	Nagor, Bishunpur, Kaleyan, Bishunpur Taj, and Azam Nagor Ward No. 11.—Mokullahs Moulvigunge, Chuck Nizam. Saheh Dad- gunge, Banglagudh, Ramlagunge, Missrigunge, Kafagunge, Cham- pa Nagor, Muard Sher Bazar, Sadirabad, Ruhelagunge, and
		1	Ward No. 111 — Mohulishs Manourgunge, Chakram Chauk, Shameshergunge, Munshi Jurawansingh, Waris Nagar, Hossin Chaker, Shibgunge, Qutubgunge, Raj Kumergunge, Saifullshgunge, Kathat Bari, Luchmi Shagor, and Subbonkerpur

PATNA DIVISION—concluded.

District.	Name of Municipality.	Number of wards.	Boundaries or extent of each ward.	Number of Com- missioners to be elected for sech ward.
Dorbhunga- continued.	Durbhunga	7	Ward No. IV.—Mohullaks Ratempur, Katke Bazar, Oweam, Ram Chauk, Koberabad, Basantgunge, Sharofaddin, Mashraf Bazar, Sandagar, Labbagh, Manharan Lal, Hulumangunge, and Mir-	**************************************
	- 11		Ward No. V.—Mohullahs Sila Shah, Supon, Terhi Bazar, Quli Bazar, Madarpur, Mogulpur, Kotwali, Chautra Bhattuare Serai, Davangunga, Segor, Misri Tolah, Bhagan Dass, Mufti Sainafat, Bazidpure, and Mahdouli. Ward No. VI. Mohullahs Mirza Hyat Beg Sher, Mahamad Bhigo Chak, Rahmat Jawalpura, Murgya Chak, Siazapur, Mahesh Patti, Rastole Bazar, Fakira Khan, Urdu Raham Khan, Paizuleah Khan, Usafgung, Rahamgungo, Bela Gobindpore, Gonga Sagor,	
			and Moulagunge Ward No. VII.—Mohullahs Karamgunge, Abdullahgunge, Damdums, Imambari, Belwagunge, Mahrajgunge, Ismailgunge, Sari Salar Khan, Baquargunge, Luchmipore, Bat Chaddaspore, Khaji Serai, Laheria Serai, and Punda Serai	,
Ditto	Madhubani	5	Ward No. I.—Mohullahs Bhowara, Sarat Ganj, and Chakdaha Ward No. II.—Mohullahs Srigunj, Nariartar, and Purani Chatti Ward No. III.—Mohullahs Kamat, Bhawanipore, Nai Bazar, Bahna, and Shewbux Ganj Ward No. IV.—Mohullahs Gadeam, Shaghan, Bhamas Bazar, and	2
Sarun	Chupra	4	Laheria Gunj Ward No. V.—Mohullahs Septa and Maharaj Ganj Ward No. I.—Bounded on the north, south, and east by the limits of the municipality, and on the west by Shahebgunge Road Ward No. II.—Bounded on the north and south by the limits of the municipality, on the east by ward No. I, and on the west by Nat Bazar Road	7
			Ward No. III.—Bounded on the north and south by the limits of the municipality, on the east by ward No. II, and on the west by Mohullah Dowlstguage No. 27 Ward No. IV.—Bounded on the north, south, and west by the limits of the municipality, and on the east by ward No. III	
Thinks	Bewan Revelguage	10751	Nil	

BHAGULPORE DIVISION.

agulpore B	hagulpore	6	Ward No. I.—The eastern ward of the municipality up to the Steamer Chat Road, District Jail Road, and the Station Road on the west, and the railway line on the south	
			Ward No. II.—Bounded on the north by the river Jamoona; on the south by a portion of the Station Road and the railway line; on the cast by the Steamer Ghat Road, District Jail Road, and the	9
			Station Road Ward No. III — Bounded on the north by the river Jamoona; on the south by the railway line; on the east by Nayabazar Road;	
ENGLISHED, I	732.3	100	and on the west by the Jamtikri Road, Nathnagar Road, and the	
	142.5		Ward No IV.—Bounded on the north by the river Jamoona and Dearch; on the south by the railway line; on the east by the Jamtikri Road Nathuagar Road, and the Public Garden Hoad;	
			and on the west by Fort Roads Nos. I and II	
	Maria Sancrata		Ward No. V The western ward of the municipality	
	M. D. Land		Ward No. VI. The portion of the municipality lying on the south of the railway line	
	Vonghyr	6	Ward No. I.—Fort Laldarwaza and Mobullah Belunbazar	
longhyt		Service Control	Ward No. II Mohullahs Baribazar North and South ; Sarmanbazar	
	17.0		and Topekhanabazar Ward No. III.—Mohullaha Basdeepore, Sherpur, Shampore, Madho-	
-	A STATE OF THE PARTY OF THE PAR		pore, and Mogulbazar	
A CONTRACTOR	STATE OF STATE		Ward No. IV Mohullahs Sadipore, Jugulkitta, Kewra Moidan, and	
			Betwanbazar Ward No. V.—Mohullahs Mirzapore, Puranigunge east and west,	
2200	10 m 20 feet 10		and Sandalpore	
State of the last	500	V. V	Ward No. VI.—Mohullahs Mahiddinpore, Bindwars, Mukhauspore, Kasumbasar, and Mogners	
	Lamalman	6	Ward No. I - Mohullahs Nyagong, Secundrapore, and Mungrowra	
Ditto	Jamalpore	To be Call	Ward No. II Mchullahs Dariapore, Dowlstpore, and Rampore	
1000		11 22	Ward No. III.—The Bazar, Khalasitola, and Jamalpore Bih	
APP APP APP APP		- 10 h	Ward No. IV.—Mohullah Keshubpore	
To Marie		1 -	Ward No. VI.—The European quarters	

BHAGULPORE DIVISION - concluded.

Duyater.	Name of Municipality,	Number of wards.	Boundaries or axtent of sech ward.	Kamber of Com- missioners to be elected for each
Southal Pergua-	Sahebgungo	Nil	Bil	60
nahs Ditto	Deoghur		Ward No. I.—North and East—From the north-west corner of the Sivaguaga to the nearest point on the northern boundary of the municipality, and thence cast and south to where the boundary crosses the Doomka Road South—Baidyanath Street and Jhansigarhi Road to its junction with the Doomka Road West Sivaguaga Lane and the west bank of the Sivaguaga tank. Ward No. II.—North—Baidyanath Street and Jhansigari Road South—Jamunajore nuddy, which is the boundary of the municipality	,
			East—The eastern boundary of the municipality West—Wilmot Bazar Street, Bhairub Bazar and road, and Jamunajore Road Ward No. III.—North—Barabazar Road, Kunjraputti Lane, and Harakizhen Sha's Street as far as its junction with the new Jalshar	
			Boad Bouth—The southern boundary of the municipality East—The south end of Wilmot Basar Street, Bhairub Basar and road, and Jamunajore Road West—The boundary of the municipality Ward No. IV.—North—The northern boundary of the municipality	*
			South - Harakishen Shah's Street, Kunjraputti Lane and Barabasar Road Rest - The north end of Wilmot Basar Street, a portion of Baidyanath Road the Sivagunga Lane, and the west bank of Sivagunga	3
Purnesh	Puimeah		West—The western boundary of the municipality Ward No. I.—To the east of the Ganges and Darjeeling Road Ward No. II.—To the west of the Ganges and Darjeeling Road Ward No. III.—To the east of the City Main Road Ward No. IV.—To the west of the City Main Road	3 3 3
faldalı	English Buzar	•	Ward No. I.—Mohullahs Abhirampore, Gandharbapore, Lakrikhana, Madhubani, Makdumpore, Perojepore, Rajaparrah, Sahistoli and Singatolas Ward No. II.—Mohullahs Andharupara, Bangaltoli, Bibigram, Bakhotoli, English Basar, Ghasiaratoli, Hatkhola, Hyderpore, Kantalbari, Kutitola, Moheshmati, Mirerchuk, Noabasti, Nyagram, and Sankapara Ward No. III.—Mohullahs Baloochora, English Basar, Golaputtee, Gosaintoli, Kassaripottee, Kutabpur and Puratoli Ward No. IV.—Mohullahs Babutoli, Bochatek, Banabari, Kotabari, Mokimpore, Phulbari and Tilukgirer Bazar	8
Ditto	Müldah	3	Ward No. I. Mohullahs Kajidara, Cholisapara, Brajigma and Katra Tilmandai Sarbari Ward No. II.—Mohullahs Khord Sarbari, Pirojepore, Mckotilpore, Tooitbari, Kachubari and Bangaltoli Ward No. III.—Mohullahs Suripara, Fulbari, Shaik Mohun, Tara- pore, Balia, and Nababgungo	
			ORISSA DIVISION.	
Cuttack	Cuttnek		Ward No. L.—Mohullahs Cuttack Chundy, Stone Road, Gurnde Bazar, Degarpada, Brahaman Sahi, Hasnabad, Kotgara Sahi, Dalusingpatua, Roghu Sahu, Godam Gully, Bhutia Sahi, Alisaha Bazar, Mangia Sahi, Kafia, Sedaisor, Manaingpatua, Kholamean Bazar, Mastaram Nath, Bedeadhar Road and Toolsepur Ward No. 11.—Kutcherry Road, Chowdhury Basar, Ferangi Bazar, Jagornath Road, College Lane, Normal School, Sanggot Lane, Peary Mohun Sen Gully, Makundprosad Gully, Mala Sahi, Bisonath Mahadeb Lane, Peary Baboo Gully, Hadi Sahi, Bisonath Mahadeb Lane, Peary Baboo Gully, Hadi Sahi, Bhandary Sahi, Batharabad, Ramnath Gully, Jsi Baboo Gully, Kasi Baboo Gully, Gud Sahi Gully, and Bauri Sahi Gully Ward No. III.—Cattack Chundy, Adalah Khan Lane, Amdukhalifa Lane, Cutcherry Road, Gonais Mandir, Buditkhakurani Gully, Aparty Sahu Gully, Juma Masjid Gully. Ward No. IV.—Ram Chowdhury Street, Alam Chund Bazar, Banki Bazar, Ganga Mandir, Durji Sahi, Jagornath Bullubh Road, Mahandipir, Bauri Sahi, Khathin Sahi, Oriya Bazar, Osat Lane, and Latmondir Ward No. V.—Cuttack Chundy, Sheik Bazar, Abdul Guffur Gully, Takir Sahi, Bamphi Sahi, Guptipul, Khathin Sahi, Dewan Bazar, Oriya Bazar, Christian Sahi, Talanga Sahi, Cutcherry Road, Sutahat and Mission Road Ward No. V.—Cutcherry Road, Chowdhury Bazar, Jolaya Sahi, Kutgara Sahi, Farkanath Gully, Ferangi Bazar and Mangla	1

^{*} Municipalities in which the Commissioners will not be elected for wards, but no the whole town.

ORISSA DIVISION—concluded.

Distrator.	Name of Municipality,	Number of wards.	Boundaries or extent of each word.	Number of Orm- missioners to be elected for
Cuttack—con- cluded.	Outtack	9	Ward No. VII.—Telanga Bazar, Jagornath Road, Raghunath Gully, Bamphi Sahi, Kukariapada, Gopaljee Gully, Bhagatpur, Nunia Sahi, Tara Chandputan, Nunno Sahi, Kodam, Rossul, Foster Street and Kamer Sahi Ward No. VIII.—Cutcherry Road, Phulmandai Sahi, Telangadheba Sahi, Foster Street, Rousspatas, Sant Sahi, Maria Sahi, Patni Sahi, Kasorpur, Bapari Sahi, Sadanand Jachak Gully, Dhobni Gully, Kaly Kinkur Chatterjee Gully, Kalai Sahu Gully, Badai Sahi, Kailas Baboo Gully, Bania Sahai, Naik Sahai, Brahman Sahi and Sarso Road Ward No. IX.—Commissioner Road, Hospital Boad, Manglathakurani Road, Maiha Sahi, Jobra Road, Talanga Sahi, Manglabag Road, Thoria Sahi, Mirkamalpatua, Gand Sahi, Jagornath Boad, Sagaria Sahi, Ranihat and Chotara Bazar	1
Pooree	Poorea	6	Ward No. II.—Mohullahs Bali Sahi and Gourbar Sahi Ward No. II.—Mohullahs Kalikadevi Sahi, Matimandap Sahi and Delemandap Sahi Ward No. III.— Mohullahs Baseli Sahi and Harchandi Sahi Ward No. IV.— Mohullahs Marakanda Sahi and Churang Sahai Ward No. V.—Mohullahs Kundhaibent Sahi Ward No. VI.—Mohullahs Diatapara Sahi, Kumharpara and Dandimal Sahi	
Halasore	Balascre	6	Ward No. I.—Mobullahs Brahmanpara, Kentpara, Kamarpara, Kum- harpara, Musulmanpara, Kavaschapara, Chasapara and Goalapara Ward No. II.—Mobullahs Amlapara, Tanti Sahi, Thatari Sahi, Gookha Sahi, Mahanty Sahi, Rice Stall and Kasaipara Ward No. III.—Mobullahs Eaistabpara, Tanti Sahi, Brahmanpara, Teli Sahi, and Chasapara Ward No. IV.—The European quarter, Native Christian para, and mobullahs Amianara, Pan Sahi and Teli Sahi Ward No. V.—Mobullahs Moochipara, Baniapara, Choonkar Sahi and Mahajanpara Ward No. VI.—Mohullahs Brazeerpara, Dufturi Sahi, Kent Sahi, Chowdhuri Sahi, Paira Sahi, Mahajanpara, Kent Sahi, Kandra Sahi, Dhoba Sahi, and Musulmanpara	

CHOTA NAGPORE DIVISION.

fasaribagh Chattra chardugga Ranchi	Nil.	Ward No. I.—Bounded on the north and east by the municipal limits; on the west by the Sudder Road, and on the south by the Purulia Read	10
* 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ward No. II.—Bounded on the north and west by the municipal limits; on the south by the Tank Road as far as the bridge at the south east corner of the lake, and thence by the wall on the south side of the Commissioner's compound; and on the east by the Sudder Road Ward No. III.—Bounded on the north by the line defined above as	1
		the southern boundary of Ward No. II; on the east by the Thauna and Dorunda Roads; and on the south and west by the municipal limits Ward No. IV.—Bounded on the north by the Purulia Road; on the west by the Thanna and Dorunda Roads; and on the south and east by the municipal limits	3
(anbhoem Purulia		Ward No. I.—Bounded on the cast by the Barrakar Road and Chaibassa Road; on the north, west, and south by the furthest limit of the municipality in those directions Ward No. II.—Bounded on the west and north by the Barrakar Road; on the south by the Bankoora Road; and on the east and north by the road starting from the Bankoora Road, joining with the Barrakar Road nearest Cart Serai, passed by girls' school	1
		building and between Claysair and Kemoliossair Ward No. III. Bounded on the south by the Man Bazar Road; on the cest by the furthest limit of the municipality in that direc- tion, and on the north partly by ditto and partly by Bankoora Road; and on the west by wards Nos. I and II Ward No. IV.—Bounded on the north by portion of Bankoora Road and Man Bazar Road; en the east by the Man Bazar Road; and on the south by the furthest limit of the municipality	4

Municipalities in which the Commissioners will not be elected for wards, but for the whole town.

COLMAN MACAULAY,

Secretary to the Government of Bengal.

ORDERS DECLARING THE NUMBER OF COMMISSIONERS TO BE ELECTED FOR EACH WARD IN THE HOWRAH MUNICIPALITY.

The 13th October 1884.—In continuation of the notification dated the 29th September 1884, published at pages 1013 to 1015, Part I, of the Calcutta Gazette of the 1st October 1884, the Lieutenant-Governor is pleased to declare that the number of Commissioners to be elected for each ward in the Howrah Municipality shall be as follows:—

For each of the Wards Nos. I, IV, V, VI, VII, and IX, two Commis-

For each of the Wards Nos. III and VIII, three Commissioners.

For each of the Wards Nos. II and X one Commissioner.

COLMAN MACAULAY, Secretary to the Govt. of Bengal.

RULES FOR THE ELECTION OF MUNICIPAL COMMISSIONERS UNDER ACT III (B.C.) OF 1884.

The 29th September 1884.—The following rules for the election of Municipal Commissioners in all Municipalities in the Burdwan, Presidency, Rajshahye, Dacca, Chittagong, Patna, Bhagulpore, Orissa, and Chota Nagpore Divisions (except Howrah and the Suburbs of Calcutta), have been laid down by the Lieutenant-Governor under section 15 of Act III (B.C.) of 1884:—

Of the qualification of voters.

1. Persons otherwise qualified to vote must be males, who have resided within the limits of the municipality for one year previous to the date of the election.

2. Subject to the above rule, all persons who have, during the year immediately preceding the election, paid an aggregate amount of not less than Re. 1-8 in respect of any rates imposed by the act, and who have been duly registered as hereinafter provided, shall be qualified to vote.

3. Subject to the proviso contained in rule 1, any person who, being a member of a joint undivided family, one of the members of which has, during the year preceding such election, paid in respect of any of the rates imposed by the Act an aggregate amount of not less than Re. 1-8, is a graduate or licentitate of any University, or holds a certificate as a Pleader or Mooktear, or holds any office or employment carrying a salary of not less than Rs. 50 per mensem, shall be entitled to vote.

Of the registration of voters.

4. As soon as possible after these rules shall have been published, the Magistrate of the district shall cause to be prepared a register of persons qualified to vote. Such register shall be prepared from the assessment lists, from enquires made by persons specially deputed for the purpose, and in such other manner as may appear expedient. Such register shall from time to time be corrected and added to as the Magistrate may direct. It shall be the duty of the Chairman of the Municipality to furnish the Magistrate or the Sub-Divisional Officer with any available information required for the preparation and correction, from time to time, of the register in question.

5. At least one month before the date fixed for the elections as hereinafter provided, an extract from the register, showing the persons qualified to vote within each Ward, shall be published at suitable places within that ward. A copy of the whole register shall also be published at the municipal office.

6. The Magistrate, or such other gazetted officer as he may depute for the purpose, shall sit to hear and decide objections to, and claims for, registration of voters on some date of which at least three days' notice shall have been given, and which shall be at least ten days after the publication of the lists in question, and at least one week before the date fixed for the commencement of the elections; and such decision shall be final.

7. The ward lists as amended, after the hearing and decision of claims and objections, shall be considered as the final lists of persons entitled to vote at the elections, and no person whose name does not appear in the ward lists shall be permitted to vote.

Of the qualification and the nomination of candidates.

8. Any person qualified to vote under these rules shall be qualified for nomination as a candidate.

9. Any rate-payer qualified to vote may nominate any other qualified

person as a candidate.

10. The Magistrate shall, at least six weeks before the date fixed for the commencement of the elections, issue notices calling for nominations of candidates. Such nominations shall be delivered at the municipal effice within fourteen days from the date of publication of the notices in question. No names of candidates shall be received after the expiration of such period.

11. The preliminary list of candidates, with the names of the persons nominating them, shall be published in each ward, and at the municipal office, at least three weeks before the date fixed for the commencement of the elections. A notification shall at the same time be published, fixing a date for the hearing of objections to candidates. Such date shall be at least one week later than the publication of the notification in question.

12. The Magistrate, or such other gazetted officer as the Magistrate may depute for the purpose, shall hear and decide all objections to candidates; and such decision shall be final. Before publishing the final list, he shall ascertain

that all the candidates are eligible and willing to stand for election.

13. The final list of candidates shall be published in each ward, and at the municipal office, at least one week before the date fixed for the commencement of the elections. No candidate whose name is not contained in such list shall be eligible for election.

Of the manner of holding elections.

14. The elections for the different wards shall be held on such date as may be fixed by the Lieutenant-Governor and notified in the Calcutta Gazette.

15. The Magistrate shall decide at what place the election for each ward

shall be held.

16. The date fixed for the election in each ward shall be duly notified by beat of drum, and by the publication of notices in such ward at least one month beforehand.

17. Each voter shall be entitled to vote for the ward in which he ordinarily resides, and for no other. He shall be entitled to vote for as many candi-

dates as there are vacancies for such ward.

18. All persons wishing to vote must be present at the elections. No

votes by proxy or in writing shall be received.

19. The Magistrate, or such other gazetted officer as the Magistrate may depute for the purpose, shall preside at the election for each ward, assisted by a Committee of not less than three and not more than five rate-payers of the ward, nominated by the Magistrate.

20. The proceedings shall commence by the presiding officer explaining the nature and objects of the meeting to the assembled voters. He shall then

read out the list of candidates, and state the number of vacancies.

21. Each candidate shall then be proposed by one qualified voter, and seconded by another. Subject to the control of the presiding officer on points of order, each candidate and his proposer and seconder shall be permitted to address the assembled voters on the subject of his candidature. The names of candidates not duly proposed and seconded shall be removed from the list.

22. In the case of the number of the candidates duly proposed and seconded not being greater than the number of vacancies, the presiding officer, if he is satisfied that not less than 10 per cent. of the registered voters for the ward or wards in which the election is taking place are present, shall at once

declare such candidates to be duly elected.

23. If the number of candidates duly proposed and seconded exceeds the number of vacancies, the presiding officer shall proceed to call for a show of hands in favour of each candidate. The presiding officer shall decide and state which of the candidates have received the largest number of votes by the said shows of hands. Should no poll be demanded against any one candidate, he shall declare such candidate to be duly elected.

24. Any defeated candidate, or his proposer or seconder, may demand a poll on his behalf, as against any or all of the candidates selected under the above

When a poll is demanded, the votes shall then and there be recorded by the presiding officer with his own hand. All objections to voters shall, if possible, be summarily decided by the presiding officer, after reference to the register. No objections shall be entertained other than objections arising out of matters subsequent to registration under rule 6.

26. The presiding officer shall then and there declare such candidates as have a clear majority of votes to be duly elected. Provided that no candidate shall be declared to be duly elected unless at least 10 per cent. of the registered

voters for the ward have appeared and recorded their votes.

If 10 per cent. of the registered voters for the ward are not present (Rule 22), or have not appeared and recorded their votes (Rule 26), the presiding officer shall report that the electors have failed, under section 16

of the Act, to elect Commissioners for the ward.

28. In case of an equality of votes for the same vacancy, and when the number of vacancies does not admit of all the candidates who have obtained an equality of votes being elected, the presiding officer shall postpone the election, fixing at the same time a date upon which the proceedings shall be re-commenced. When the majority for any candidate consists only of disputed votes, with reference to which further enquiry appears to be necessary, the result of such enquiry shall be notified on a subsequent date.

29. The list of duly returned candidates for the whole municipality shall be forwarded to the Commissioner of the Division for publication in the

Calcutta Gazette.

Miscellaneous.

30. No election shall be invalidated on a point of form, provided that

these rules have been substantially obeyed.

31. No election shall be invalidated on account of any irregularity whatever, unless it shall appear that that irregularity was such as materially to affect the result of the election.

32. No person in the employment or pay of the municipality shall, directly or indirectly, engage in canvassing for votes, or otherwise assist in the election of any candidate, otherwise than by giving his own vote. Any

breach of this rule will render him liable to dismissal.

33. All costs incurred in the preparation of the register of voters, the publication of notices, the holding of elections, or taking any other necessary actions under these rules, shall be payable by the Commissioners out of the municipal fund.

COLMAN MACAULAY, Secretary to the Govt. of Bengal.

The 29th September 1884 .- The following rules for the election of Municipal Commissioners in the Municipality of Howrah have been laid down by the Lieutenant-Governor under section 15 of Act III (B.C.) of 1884:-

Of the number of Commissioners and Wards.

There shall be 30 Commissioners, of whom 20 shall be elected under these rules, and 10 shall be appointed by Government.

2. The municipality shall be divided into 10 wards in accordance with

the schedule annexed.

Of the qualification of voters.

3. Persons otherwise qualified to vote must be males, who have resided within the limits of the municipality for one year previous to the date of the

4. Subject to the above rule, all persons who have, during the year immediately preceding the election, paid an aggregate amount of not less than Rs. 3 in respect of any rates imposed by the Act, and who have been duly registered as hereinafter provided, shall be qualified to vote.

5. Subject to the proviso contained in rule 3, any person who, being a member of a joint undivided family, one of the members of which has during the year preceding such election, paid in respect of any of the rates imposed by the Act an aggregate amount of not less than Rs. 3, is a graduate or licentiate of any University, or holds a certificate as a Pleader or Mooktear, or holds any office or employment carrying a salary of not less than Rs. 50 per mensom, shall be entitled to vote.

Of the registration of voters.

6. As soon as possible after these rules shall have been published, the Magistrate of the district shall cause to be prepared a register of persons qualified to vote. Such register shall be prepared from the assessment lists, from enquiries made by persons specially deputed for the purpose, and in such other manner as may appear expedient. Such register shall from time to time be corrected and added to as the Magistrate may direct. It shall be the duty of the Chairman of the Municipality to furnish the Magistrate or the Sub-Divisional Officer with any available information required for the preparation and correction, from time to time, of the register in question.

7. At least one month before the date fixed for the elections as hereinafter provided, an extract from the register, showing the persons qualified to vote within each ward, shall be published at suitable places within that ward. A copy of the whole register shall also be published at the municipal office.

8. The Magistrate, or such other gazetted officer as he may depute for the purpose, shall sit to hear and decide objections to, and claims for, registration of voters on some date of which at least three days' notice shall have been given, and which shall be at least ten days after the publication of the lists in question, and at least one week before the date fixed for the commencement of the elections; and such decision shall be final.

9. The ward lists as amended, after the hearing and decision of claims and objections, shall be considered as the final lists of persons entitled to vote at the elections, and no person whose name does not appear in the ward lists

shall be permitted to vote.

Of the qualification and the nomination of sandidates.

10. Any person qualified to vote under these rules shall be qualified for nomination as a candidate.

11. Any rate-payer qualified to vote may nominate any other qualified

person as a candidate.

12. The Magistrate shall, at least six weeks before the date fixed for the commencement of the elections, issue notices calling for nominations of candidates. Such nominations shall be delivered at the municipal office within fourteen days from the date of publication of the notices in question. No names of candidates shall be received after the expiration of such period.

13. The preliminary list of candidates, with the names of the persons nominating them, shall be published in each ward, and at the municipal office, at least three weeks before the date fixed for the commencement of the elections. A notification shall at the same time be published, fixing a date for the hearing of objections to candidates. Such date shall be at least one week alter than the publication of the notification in question.

14. The Magistrate, or such other gazetted officer as the Magistrate may depute for the purpose, shall hear and decide all objections to candidates; and such decision shall be final. Before publishing the final list, he shall ascertain

that all the candidates are eligible and willing to stand for election.

15. The final list of candidates shall be published in each ward, and at the municipal office, at least one week before the date fixed for the commencement of the elections. No candidate whose name is not contained in such list shall be eligible for election.

Of the manner of holding elections.

16. The elections for the different wards shall be held on such date as may be fixed by the Lieutenant-Governor and notified in the Calcutta Gazette.

17. The Magistrate shall decide at what place the election for each ward

shall be held.

- 13. The date fixed for the election in each ward shall be duly notified by beat of drum and by the publication of notices in such ward at least one month beforehand.
- 19. Each voter shall be entitled to vote for the ward in which he ordinarily resides, and for no other. He shall be entitled to vote for as many candidates as there are vacancies for such ward.

20. All persons wishing to vote must be present at the elections. No

votes by proxy or in writing shall be received.

21. The Magistrate, or such other gazetted officer as the Magistrate may depute for the purpose, shall preside at the election for each ward, assisted by a Committee of not less than three and not more than five rate-payers of the ward, nominated by the Magistrate.

22. The proceedings shall commence by the presiding officer explaining the nature and objects of the meeting to the assembled voters. He shall then

read out the list of candidates, and state the number of vacancies.

23. Each candidate shall then be proposed by one qualified voter, and seconded by another. Subject to the control of the presiding officer on points of order, each candidate and his proposer and seconder shall be permitted to address the assembled voters on the subject of his candidature. The names of candidates not duly proposed and seconded shall be removed from the list.

24. All objections to voters shall, if possible, be summarily decided by the presiding officer, after reference to the register. No objections shall be entertained other than objections arising out of matters subsequent to regis-

tration under rule 8.

25. The presiding officer shall record with his own hand the votes of the

electors present.

26. The presiding officer shall then and there declare such candidates as bave a clear majority of votes to be duly elected. Provided that no candidate shall be declared to be duly elected unless at least 10 per cent. of the registered voters for the ward have appeared and recorded their votes.

27. If 10 per cent. of the registered voters for the ward have not appeared and recorded their votes, the presiding officer shall report that the electors have failed, under section 16 of the Act, to elect Commissioners for the ward.

28. In case of an equality of votes for the same vacancy, and when the number of vacancies does not admit of all the candidates who have obtained an equality of votes being elected, the presiding officer shall postpone the election, fixing at the same time a date upon which the proceedings shall be re-commenced. When the majority for any candidate consists only of disputed votes, with reference to which further enquiry appears to be necessary, the result of such enquiry shall be notified on a subsequent date.

29. The list of duly returned candidates for the whole municipality shall be forwarded to the Commissioner of the Division for publication in the Calcutta

Gazette.

Miscellaneous.

30. No election shall be invalidated on a point of form, provided that these rules have been substantially obeyed.

31. No election shall be invalidated on account of any irregularity whatever, unless it shall appear that that irregularity was such as materially to affect

the result of the election.

32. No person in the employment or pay of the municipality shall, directly or indirectly, engage in canvassing for votes, or otherwise assist in the election of any candidate, otherwise than by giving his own vote. Any breach of this rule will render him liable to dismissal.

33. All costs incurred in the preparation of the register of voters, the publication of notices, the holding of elections, or taking any other necessary actions under these rules, shall be payable by the Commissioners out of the municipal fund.

COLMAN MACAULAY,

Secretary to the Government of Bengal.

SCHEDULE.

HOWRAH MUNICIPALITY.

ELECTION WARDS.

Ward No. I.

North—Joya Bibee's Lane, outfall drain on the south of Hurro Dhole's garden and Chandalparah lane. South—Horogunge Road. East—River. West—Hooghly road.

Ward No. II.

North—A line beginning at a point on the Hooghly road 100 feet south of Nuskurparah lane, thence a direct line westward across the Maleepanchghurrah paddy-fields to the culvert opposite garden of Bhoggobutty Bysack on the Belloor road and Nellooah road. South—Sonaton Mistry's Garden lane and Bamoongachee paddy-fields. East—Grand Trunk road and Hooghly road. West—Bamoongachee paddy-fields.

Ward No. III.

North—Horogunge road. South—Gelabaree road. East—River. West—Grand Trunk road.

Ward No. IV.

North-Golabaree road and Peelkhanah lane. South-Railway premises. East-River Hooghly. West-Railway line.

Ward No. V.

North—Railway premises, Dore's road and Howrah paddy-fields. South—Telkul Ghat road, Harcourt's lane and Kally Banerjea's lane. East—River. West—Bhoggobutty Karar's lane, Doorga Doss Bose's lane, Koylash Banerjea's lane, Lukhun Dass's lane and Kally Koondoo's lane up to its junction with Kally Banerjea's lane.

Ward No. VI.

North—Banttrah paddy-fields. South—Ollabibeetellah lane, Naskurparrah lane and Bostomparrah lane. East—Bhoggobutty Karar's lane, Doorga Dass Bose's lane, Lukhan Dass's lane, Kally Koendoo's lane, Needhee Ram Manjee's lane, Gopaul Banerjea's lane and portion of Ramkistopore lane between its junctions with Gopal Banerjea's lane and the footpath through Baboo Chunder Coomar Banerjea's garden. West—Belgachia road, a direct line from that road beginning from the south-eastern corner of Deno Sen's garden across the paddy-fields to a point on the Makordah road 1,764 feet west of the toll-house, Doomrar Jollah, Haldarparrah lane, Goddadhur Mistry's lane and Kasoondiah paddy-fields.

Ward No. VII.

North—Telkul Ghat road, Harcourt's lane and Kally Banerjea's lane. South—Banstollah Ghat road and Park's Garden lane. East—River. West—Kally Koondoo's lane, Needhee Ram Manjee's lane, Gopaul Banerjea's lane and portion of Ramkistopore lane between its junction with Gopaul Banerjea's lane and Park's Garden lane.

Ward No. VIII.

North—Banstollah Ghat road, Fark's Garden lane, footpath through Baboo Chunder Coomar Banerjea's garden. Koyepooker lane and Mosulman-parah lane. South—Juggut Banerjea's Ghat road, Rajah's Bagan lane, Mollahparah branch lane and portion of Khetter Banerjea's lane from its junction with the latter lane and Circular road at the house of Deno Master. East—River. West—Circular road.

Ward No. IX.

North—Juggut Banerjea's Ghat road, Rajah's Bagan lane, Mollahparah branch lane, Khetter Banerjea's lane between its junction with the latter lane and Circular road at the house of Deno Master and portion of Circular road between its junction with Khetter Banerjea's lane and Chatterjea's hat. South—River. East—River. West—Belliah khal and Botanical Garden.

Ward No. X.

North—Doomrar Jollah and Shokhair bazar road. South—Baxarah paddy-fields. East—A line from the south-eastern corner of Doomrar Jollah to Haldarparrah lane, Goddachur Mistry's lane and Mosulmanparrah lane. West—Boroj Maut lane and western portion of Baxarah road between its junction with Boroj Maut lane and the culvert over Baxarah khal.

DATE OF ELECTION OF COMMISSIONERS FOR MUNICIPALITIES UNDER ACT III (B.C.) OF 1884.

The 30th September 1884.—It is hereby notified for general information that the elections of Commissioners, under Act III (B.C.) of 1884, in all Municipalities in the Burdwan, Presidency, Rajshahye, Dacca, Chittagong, Patna, Bhagulporo, Orissa, and Chota Nagpore Divisions, not mentioned in the first schedule of the said Act, will be held on the twenty-fifth day of November next.

COLMAN MACAULAY, Secretary to the Govt. of Bengal,

Rainfall, Weather, and State and Prospects of the Oropa.

Statement showing Rainfall. Weather, and State and Prospects of the Crops in the different District of Bengal, as reported to Government during the week ending the 15th November 1884.

1	No.	District, a		ute o	2	Rainfall at Sudden Station in inches.	Character of the weather, state and prospects of the crops, and state of bealth at dute
Bi	NG.	AL.					
		Western !	Distr	icts.		2	
•	1	Burdwan, Culna Cutwa Rancegan		y. 15	*84	NSI Nil Nil Nil	Weather- seasonable. Outturn of aman paidy in Rancegunge is expected to be good, and in the rest of the district poor, while in some parts it will be very bad. Price of rice ranges from 12 to 15 seers per rupes. Health fair.
JIYH.	1	Bankooru,	PI	15 16	11	1841	Weather—sensonably cold. Winter crops doing well. Late paddy promising. Public health good. Weather—fine and cold. Harvesting of paddy commenced. Prospects of
BOLDWAN DIVE.	1	Rampore				Nil	outturn improved; a 6-anna crop expected in Nulhati thana. Prices slightly lower. General health fair.
Bono	ľ	Addrepore.		15	JP	Nil	Weather sensounble. Harvesting of winter paddy has begun, the outturn is generally good. Prospects of cold-weather crops favourable. Fever very prevalent. Cattle-disease reported from several villages.
	1 5	Hooghly,	12	15	"	Nil	Weather—fine and seasonable. Prospects of all crops on the ground continue to be favourable. Prices stationary. Fover is provident everywhere, and is reported to be specially had in the Johnnahad sub-division.
	(Howreh, Oolooberia	ılı "	17	41.	Nil	Weather—fine, Amus crops and sugarcane good,
		Central D	istrio	ria.			
	1	94-Perg ba.	Nov.	. 17	'84	Nil	Weather—seasonable. Prospects of standing crops continue satisfactory. Harvesting of same paidy has commenced Rebbes crops promise well. Public health gene ally good.
Divs.	7	Nudden, Kooshten Meherpore Choosdang Ranaghat		15		Nil Nil Nil Nil Nil	Weather-cool and clear. Prospects of standing crops generally good.
Parentament	8	Janua .	#1	15	ы		Weather—clear and cold. Prespects of crops satisfactory. Paddy is now expected to be about 13-anna crup. There is some cholors and fever about but boultb generally good.
Parent	9	Jamoro, Jhenida Magoorah Narail	31	16	P4	Nil Nil Not sceived.	Weather—nights cool, days sunny. Harvesting of shotan amen has just commenced. It will yield a few outturn. Sowings of subbes crops are continuing. Fewer prevalent, and cholera bad in the Magura and Narail sub-divisions.
46	10	Bongong Moorshedsbad,	ы	1.5	137	Nit Nil	Weather—seasonable. The estimated outturn of owns paddy continues to be a 6-anna crop, but here and there only a 2-anna crop will be reuped. The 6-anna estimate is the general average for the whole district. Rabbes crops are on the whole delay well, but in some quarters they have been damaged by caterpillars. Choise a still prevails in and near Meorebodabed city, and there are sporadic cases of the disease elsewhere, but not of a serious type. Common rice ranges from 14 seers per rupes at Berhampore to 14; evers in the Jungi-
	11	Dinagepore,	Nov.	16	84	107 29	pore sub-division. Weather—seasonably cold. Prospects of crops generally fair. Prospects of
	19	Rajabeliye, Nattore	às	15	31	Nil Nil	groups in the south of the district improved by late rain. Weather seasonable. Prospects of both amus paddy and rabbee crops generally fair, Cholers still reported, particularly in the Nowgong sub-division. Forer
DITE	18	Nowgong Rungpore Nilphamar		15	ap.	NII NII	general. Weather—sensonable. Prospects of ones paddy bad. Tobacco, mustard, and potato still being sown; other winter crops doing well. Malarious fever
		Kurigram			441	Nil	prevalent, cholers has appeared in the Gnibanda sub-division.
BATHERITE	14	Bogra,	de .	15	*	NII NII	The cold weather has fairly set in. State and prospects of sman paddy very unfavourable over a large part of the district. The cold-weather crops doing well. There are still a number of cases of cholers and fever.
at	15	Pabna,	67	15	.	Bill V	Weather-cool and cloudy. Winter crops promising. Harresting of amun paday has commensed.
	16	Darjasling,	91	15	-	MII A	Venther-splendidly clear and fine. Prospects of crops continue favourable.
	17	Julpipores,	**	15	60	MH V	Fever prevalent in the Ferai. Venther—fair and seasonable. Late paddy, though a short crop, will be ample for the food-supply of the district. In many places paddy looks very well. Tobacco, sugarcane, and kalai are well reported on. Faver very prevalent.

F	čo.	Platrict and return		te of		Reinfoli at Sudde- Station is inches.	Character of the wenther, state and prospects of the crops, and state of localth at date.
BE1	NGA	L concid					ů.
		Kastern Di	atri	ets.		11	
	10	193		25	140.4	7511	10-411-3d- 9t -44112
1	10	Dacen. 7 Manickgun		. 15	84	Nil Nil	Weather - cool and flue. Harvesting of amen paddy and angarrane continue Chillies, mustard and other winter crops being some. Prespects of cro
ı		Moonsheegt	6-4	1	***	Nil	generally good. Sporadic cases of cholera in some parts of the district, other
	10	Forredpore,		16	844	Nil Nil	wise public health generally good. Wenther-first three days of the week gloomy; since then fine. Paddy being
	E	Genlando	11	10	11	Nil	harvested with fair outturn. Sugarcano doing well, and apring craps being
		Madaripore				Nil	sown. Cholers prevalent in almost every thans, and there is much favor ever where.
	20	Backergunge,	20	15		Nil	Weather-cloudy, sometimes clear. Amon crop has sustained some injury by t
1			"				storm of the let instant in some parts of the district. General prospec
1	21	Mymensingh,		14	41	Nil	Tair, Prices stationary, Feveratill prevalent. Weather-scasonable. Prespects of crops good. Cholera prevalent more
		Jameipore	93		4111	Nii	less in different parts of the district.
		Kishoregun	ige		***	Nil Nil	
		Attia Nebrokona				Vil	
1	22		VOV.	17	'84	0.01	Weather seasonable. Prospects of crops favourable. Prices stoady. Chele
1	23	Noakhnhy,		14	4,	102	Continues. General health good Westher-cloudy on the 11th and 12th, since fair. Late our still by og reap
		Fenny		- 4	44.1	811	Aman paddy in ear. Rubbee crops being sown.
1	24	Tipperah. Brahmanba:	eiah	18	10	NH	Weather—first part of the week bright and sunny, last three days of the pects of amus paddy continue to be very favourable. Prices stationar
		Chandpore			811	Nil	Scattered cases of cholers are reported, otherwise public health goods
Chilianoon Live	26	Chittagong Hill	91	11	h	2011	Weather-seasonable. Mornings cool and forgy, cloudy on the 11th insta
5		Tracts.					Cotton being gathered. Land being prepared for mustard. Plough-pad doing well,
1		Hill Tipperab,	п	12	41	1811	Weather -oacl, but cloudy. Prospects of amus paddy good. Til (oil-sead) at cotton being gathered. Mustard, chillies and tobacco being sown. Publically goods.
BE	HAR						areness Bungaran's Rooms
	26	M.A.	Wa.	16	10.4	note:	Weather-seasonable. Rubbee sowings going on. Seeds are germinating we
Ų	20	Patus,	Col Chin	. 15	6.0	2011	Paddy crops look healthy. Public health good.
	27	Gya.	13	15	19	Nil	Weather—cold. Prospects of paddy improved to some extent where it had a withered; it is ripering now. Rubbse promising well everywhere. Pop sowing completed almost everywhere, except in some villages in the east. Publicably good.
1	28	Shababad. Huxer	*1	15	19.1	Nii Nii	Wrather—cool. Harvesting of winter paddy commenced with an estimate outtarn of 11 annas. Rubbes and opium crops doing well.
ij,		Sasserum			3	Not received.	·
1	29	Durbhunga,	41	15	91	Nil	Weather consonable. Early paddy nearly ready for reaping. Rubbee comi
		Tajpur Modhubatai				Ni) Nil	on well. Root crops are being gathered with good ontturn. Poppy coming well. Prices stationary. Public health generally good.
	80	Morufferpore,	ы	8	4th	Nil	Wenther-fine and cool, with slight west winds. Paddy coming into ear. So ings of rabbee almost completed, and the crops promise a good outturn. Pop sowings almost over and plants growing well. Public health generally good.
	81	Saran,	12	16	р.	2011	Weather-clear and cool. Faddy doing well and estimated to be a 7-anna cre
		Sewan			**	Nil	Rubbee promising. Rahar, potato and castor plants look excellent. 76,000 bigahs engaged for poppy, 66,500 have been sown. Weather involva-
		Gopulgunge			411	4701	for its cultivation, and seeds coming on well. Prices of food-grains sligh
	33	Chumparua		7.5			fallen Public health good. Weather seasonable. Prospects of crops continue favourable. Prices falli.
	-	Cumpurau	11	15	41		Public health fair. The weather is boneficial to the cultivation of pop- sowings are in progress and will soon be completed. Young plants are thrivi- Prospects very good. Moisture abundant.
1	88		Nov	. 15			Weather - cool and clear. Aghasi paddy doing well. Reiber sowings still go
. }		Beguserai Jamai			117	Nil	on and young plants getting on well. Sowing of poppy crop in progre Prospects swomrable. Prices stationary. Public health good.
	34	Bhagulpore,	-01	15	19	Nil	Weather—seasonable, Prospects of paddy fulr. Rubbee coming on very windeed. The people are not in difficulties for want of work. Prices slight fulling. General health good.
1	86		-11	15	48	Nu	Weather Suc and clear. Very poor outturn of paddy is estimated in the Sudo
1		Kissengung	Ke		416	NII	and Monihari thanks, but prospects good in north Prospects of subbes good Much fever provalent.
	26	Maldah,	31	15	11	NII	Weather - cold and bright. Condition of winter paddy not improved. Pr pects of rebbss crops, viz. mustard, mustar, wheat and barley fair. Pr
							or rice 12 seers per rupee. Public health good.
	87	Southal Pergha	l	15	40	NII	Westher—clear and cold. Prospects of rubbes crops continue good. Paddy high lands being cut. Prices generally stationary.
		Droghur			14.	NII	
		Godda Itnjanelial			4 10	NI	
		(4villancial),			444	44 64	

No.	District, a	and dat	te of	-	Rainfall at Sudder Stationin inches.	
ORISS	A.					
88	Cuttack,	Nov.	. 14	*84	Nu	Weather—cloudy for three days in the week, with a few drops of rain; now cool and fair. Early sared being respect. Late screed ripening in some places. Screed on low lands in our. Rubbee progressing well. Prospects of paddy actisfactory. Common rice selling at from 16 to 20 score per rupes in town and 25 seers on an average in the interior. Cholers still linguing in the town and in some parts
89	Pooree, Khoorda	PB	18	D.	-01 -01	of the Kendrapara sub-division. Weather—seasonable. Latter part of the week cloudy. Late sured ripening. Laghu sared being harvested. Miscellaneous crops doing well. Common rice selling at an average of 21 seers per cupes in the Suider sub-division, and 22 seers 12 chittacks in the Khorda anhalivision. Several cases of cholers
1 40	Baluzore	Yę	16	+9	Wil	weather—seasonable. Resping of sered crops commenced. Rebbee crops ding well. Sporadic cases of fever are reported, otherwise public health good.
PHOTA	NAGPORE.					
Son	th-West Pro-	rtior				
41	Hazaribagh,	Nov.	15	'84	Nil	Weather-cold and pleasant, Cutting of paddy continues. Sowings of rubbe crops still going on. About two-thirds of pappy sowings completed, and the seed has geenmated fairly well, but scarcity of water is greatly complained of Public health generally good.
43	Lohardugga,	ā)	15	11	Nil	Wenther-bright and cold. Paddy being harvested, Prespects of rubbee grops
43	Blugbhoom,	>1	15	11	Ril	good Prices stationary. A few cases of fever are reported from Daltougunj. Weather—bright and cold. All crops doing well. Paddy being harvested. Outturn expected to be from 12 to 18 annas. Prospects of oil-seeds and pulses are also favourable. General health good.
44	Manbhoom, Govindp	ora *	15	144	Nil	Weather-bright and cool. Resping of paddy continues. Spring crops promise fairly. Course rice (new) sold on the lith instant in the Purulis market at 21 seers per rupes. Cuttle-disease reported from Purulis, Regionathpore Jhalds, and Sarrabazar.

Published for general information.

CALGUTTA, STATISTICAL DEPT., The 18th November 1884.

COLMAN MACAULAY, Secy. to the Gort. of Bengal.

Meteorological Report of the Province of Benyal

									STATIO	M CHEN	LEVATE	U.56.		,			
				Δ11	PRESERVE	BB.	Wint				TH	MTSEAT	URB.			dity	-
DISTRIC	T.	Representative	•	Mean tarnouchric height, 10 a.m.	Mean reclused to sea-level.	Yaniation from	trava, tog direc-	Hean wind vela-	Hirbert during werk.	Lowest during week.	Hean miniasum temperatura.	Mean urbinum ter peratura of week.	Mean daily tem- perature of work.	Caristian Irom normal motor of week.	Mean 19 A. M. temperature	Sverage humidity at 10 Ay M.	
		Gopalpore		201997	30:047	-	Nannw	202	90.8	64.6	7617	79.0	7616	-	78/0	60	
Poores .		False Point	h P	20,025	30'054	+ '018	NB	166	82'9	159.0	60.5	6413	72-2	-8.0	75'5,	G8	F
Cuttack	ppn 411	Cottsck	1.4.	201977	30'060	+ '025	ENB	27	86.6	67.8	827	62.5	7411	-110	77:3	81,	
Balance	*** ***	Halasora		80.019	30'076	_	N 13	56'6	83.2	65'6	50.3	61'4	71'1		74'5	65	
South-West Mis	Іпарого	Saugeor Island	.,.	80.020	50*056	+'016	NNEA	166	81.0	58-0	801	6417	7214	3*4	74'8	66	ŀ
South 56 Pergui	monba}	Completes annual	.,.			,	NNW						/= -			600	
Midnapore	141 111	Midnapore		58,050	30.0.8	- MA	N	80°±	MA.D	62.5	70.8	B11-8	49.6	_	76'6	- 84	
34-Pergunnaha)								i		İ						
Howmh	}	Calcutta		30 USB	20.001	+1004	NENW	76	(BH116)	60 a	1918	62 6	7175	-4.8	78 8	69	
Hooghly		i L								45.5							
Burdwan	** ***	Haapel was n		29°978	30:017	+*1120	NZW	42'9	81.7	87 7	80'8	90.9	7014	-43	78 G	.88	
Bankoora	*)					,	45-21-21			Mark cont					-7		
Beerboom	}	Russigunge		\$9.731	-	_	IE Z. III.	73	83.2	127.2	818	8-015	60.3	_	75-3	84	
West Burdwan	,j			- Americano	water the l		.,		mud . AD	BIA *T							
Moorahedabad		Bechampere		594489	30.063	4-027	N	86-9	88 of	88 7	81.8	W).A	71'\$	-8.8	73'4	67	
Nudden	e del	1144+				Ott	ertyrioty i	OT BEALFIE	4.								
Jesacre	}	Jansore*	.,	30'014	30.048	+ '0±0	N	52	62.3	60.0	\$1'1	60.0	18'0	-s a	7819	66	
Khoolna				≙⊌19 6 5	36.073	4 10 10	NH &	24	model to	65.0	79:6	#C+++			74-2		
Chittagous	916 PE	Chittagone		1400	04.073	+ 1019	Calm	35	natch.	40.0	19), b	68.4	72'8	3.1	76:1	86	
Ohittegong Hill	Traots	Demuciri		59,565	_	Obe	nevations o			비오다	701	A			74%	4	
Backergunge	414 ***	Barrinal		79.FLA	20.032		NAW	Out of under. Out of	77't	6315	20.7	69.8	70.0		75°u	68	
Nonkholly	who de-	Neakholly		21'076	20.020		N	order.	60.9	(d) is	20.7	42.1	71"3	-	75%	76 .	
Forreedpore	618 84	Ferreedpore		30 014	30107	+ '081	2 W.	33	BG.9	01'8	10.2	89.7 #9.3	74"4		7710	68	
Dacca	·N "	Tingus	,	28 130	30 007	+ 081	NW	141	22.4	61.9	800	63 3	72'0	-612	74 7	78	F
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Mymensingh	49 11	Mymonangh Samjgunge	1)	\$9.848	0.01016		AW.	30 5 .	61 0	\$3°+	80.4	PD. 0	70'7	_	20.T	78	1
Bogra and Publ		Rampera Beaut	lase to	29 011	30'047		N	81'6	711'0	54'7	7u*02	67.2	65'2		78:1	69 .	
Lajshahre		Prinagepure		25°316	90.038	_	NB	51.0	84.1	66, z	84'5	94.9	69'7		7613	60	
1Hemgepore		Retaignate		29.027	50'050		36	40	Est.4	86.0	64.1	8718	68.2	_	75'8	60	
Rungport		And as a state of the State of	1.01					-				0,0	02.0	_ '		30	
Julpigores Geoch Behar	" "}	distingeres		39.240	20.079	-	В	60.4	81 b	411	81.3	4816	61.8	_	7778	60	
Darjeeling Hill		Harjanling	*1	28'061	_		Cains &	27	67'6	88°0	54'3	36.9	40'8	_ '	50:1	59	
Parnosh)						N.B									1,00	
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	1	Hohere	41	22715	R0.082	_	Ba W	16374	6010	5%'u	7,12	67.7	677	_ '	720	40	
Bhalantad		Suxur		2×1622	50'071	-	WNW	140-7	el'á	6M14	80/37	\$6°0	RR-1 ₀	_	70 6	50	
>	1	Arrah	'	48.8ct	20.064	-	WBW	2::5	64.4	411	4012	61.0	8714	_	7×14	83	
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roush Bhaguipo	en	nnesspore		201896	30'064		WNW	21	2014	68 u	First at	8110	,,,,,				
Mongleyr)	er n fbry d		79.000	20,000		44.74.86	31	tin #	Ju ti	75'6	6316	621		7611	67	
Southal Perguas	ipicada (11	Doonaha	"	39.565	-	P-fs	NANW	61.79	86.0	015. T	79:1	8418	100%	-	72'8	67	
Hasaribagu	ha	Hauaribagh	j	SHANTA	\$61083	±1914	26 W	1293	77	8.35	76 0	4814	4416	~ 612	03.7	40	
Lonardurga		REMANDE	, E18	27·88a	\$0.00A	_			70'0	47'8	72 b	52.0	44.1		40.4		
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eregibboom .	OP1 101	Onyobassa		29.276	014	- 1	BAN	167'8		61.8	_	88'8		_ !	7619	47	

* Mean for six days.

Explanation.—Summary.—The normal means of six pressure and respondence are the arithmetical averages or means of the readings during the same. The hamiday of the atmosphere is expressed as a percentage, entereded at boing represented by 100. A clear sky is denoted by 0 and an everages of the rainful, two normal means are the numerical means or averages of the rainful in that district determined from the returns sent in by the authorist from the district (i.e.), the total rainfull at the sub-divisional means in the district sending in returns divided by the number of stations. A rainful

for the week ending Friday, the 14th of November 1884.

			-			ERVATION									
# 					BAIRT	ALL.			7						
infile	Of we	ek.		ce lat of mor	oth.		ica 18th Ma	15 -	nomber ay days.	imber	Representant	70	DISTRI	OT.	
Cherving stations,	Mean for district	Normal mean.	Mean for district.	Normal mena.	Variation,	stean for district.	Normal District	Variation.	lvergene of rainy	Normal number of raisey days.					
Na T	-	-	-	- '	-	-			-	_	Gopalpore	-1	Pooree		
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rsi -	Na	0.08	2051	0.80	-0.90	49.90	61:55	+ 6'01	0.0	019	Securor Extend	{	Nouth-Word h	fidna	por
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A 11.						,							Hooghly	141	Belrs.
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of the												1	Rankoorn	104	PID
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rit	3411	0 *05	0.52	0 34	6.04	68.11	62'83	+0.58	0'0	V #	Jennere	-{	@Hood38		***
101	0.86	62.0	2'74	1.01	+1'73	108:63	111'30	~~4*?d	9.0	0.9	Ohistogong	.,.	Chittagoog	***	trafe Brate
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Eil.	2011	0107	4.28	0.79	4-3147	83'28	76'08	+7'17	0.0	0.4	Harrisal	411	Backergunge	694	001
Kil	0.01	0.84	7:93	1'53	4-0'20	98:44	109 88	-13 94	0.0	0.9	Nowhholly	,	Nunkholly	694	
ESI	3513	0.03	8768	0119	+9'84	43'86	86.48	-12.00	0.0	0.1	Farrendpore		Furroedpore	646	340
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ria.	383	9.03	0.84	18.0	+0.03	40.04	08 44	-13.45	0.0	0.8	Mymoningh	4	Mymemingh	114	141
til	3014	0.79	016	0147	-0.21	87 '71	5 5°70	-17 80	0.0	ÚI	Secujennes		Bostra and Publ	io a.	-01
N (1	10 ia	0.10	37 iJ	0.23	-0-23	84'65	83110	-18:45	0.n	0.3	Rempore Beauty	iom \$1	Rajstahys	4.,	10.
H 51	16.00	0.69	Nil	0.08	-0.08	88'76	55-37	-17'03	0.0	0.1	Dinagrapore	481	Dinnkahoze	64.4	
10.0	10 il	0.71	Nil	0.17	-0.11	40-48	75.39	-45'94	0.0	u·t	Rungpore		Into those	114	44+
vn.	GPM.	0.05	Nit	0.08	-0.02	95'25	112'80	-18,92	0.0	0'1	Julpigores	11	4 utpopores	97.4	104
19 14	1175											-	Cooch Rebur	40	401
E11	-500	94'0	Na	0/13	-0,18	113'01	161.83	-38'53	0.0	0.3	Darjenling	Lq s	Darjouling Hill	Dinte	lota
1016	NI	0.02	MIA	0'08	-0.03	68:18	57:66	11,38	0.0	0.2	Furnsah .	}	Parment	444	+0+
		1										(North Bharulps	021	44.4
			1.			B L NFA				a 4th	Mesufferpore	44.	Mosulferpare	160	
MIT	Nil	0.01	30.0	80.0	-0.03	81.70	42.08	-7.86	0.0	0.1	Duronouga		Darbhauga	P 845	P# 4
MAL	30.11	NiT	N'I	0.08	-0.03	41 '80	43 88	-2'05	0.0	U*D	Motiburi		Opambrida	***	49.
DE SA	MI	0.01	MH	0.01	-0.hg	20'51	49'58	10°06	0.0	0.1	Caupra	774	Harus	P29	611
NU	1)		6	440	- 0.19	29'10	38'80	-9*79	0.0	0.1			Shakebed		
MI	3411	0.61	3417	7.5	0 10		VO: 007	- 15	-			il.		***	191
Nis		207.07	707.11	0.18	0-18	27-74	89-53	-11:79	0.0	0.3	Gya.		Gya		
Na	Na wa	NH	3611	0-14	-0.12	28*90	40123	-11.20	0.0	0.0	Henkipore		Patesa		***
ķū	24 12	MIT	72.11		7.2								south Maguin	ALUTHO	
611	Nü	8'16	NĐ	078	-013	28-62	41182	11'99	0.0	01.	Eizaguipure	4	Монкауг	***	* 144
IF4%	2011	610	MII	9119	-0-17	33'66	48*57	-15-13	0.0	0.3	Dooms.	140	Sonshai Pergun		
DEFA	3411	0'11	NH	0"23	0'85	84'10	46145	12°36	B.0	O'E	Hantmath	***	linsaribaga.	748	+1
			1			tered	48400	70.40	4.14	di ch	61	4	Lonertugge	h thill	10
KIA	NIL	100	2011	0.78	-9'25	36199	47*01	20.00r	610	91	Maxionee .	- Ł	инипппо	***	
10-EM	Nu	40'0	MI	0'26	-0.50	44'07	59-90	-6'89	0.0	9'8	-		DIDENTOO THE	1- h	

wied for the past ten years. The variations are acceptive when the mean for the week is less than the corresponding normal mean, and positive when gree ter.

17 10. The number denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "district obsertions for the period in question during the past 12 years. The means for the "district" are the numerical averages of the rainfall returns received by is one on which at least an hundredth of an inch fell.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 14th November 1884.

					. В	AIRFAIG	-1			· Tot	ra bi		Average		
M-secrological division	1918tykát	Mha tinn ,	saiurday, 8th November.	Norday, Bilt.	November,	Tuesday, 11th November.	Wednesday, 12th November,	Thursday, 15th November.	Priday, 14th November.	Rucher of	Rainfall of week.	Total rain- fall from tall from tall to 14th November 4884.	total rain- fell ferm int to 14th November.	Total raju- fail since 18th May 1884.	Avorage Enterfall from 1661 May
ORISIA	Propert	Pooree Eluxdah Banpur Falso Pelas Hookitola		. 484	direta Levera Levera Sprene	0.01	8:01 6:02 6:14 6:01	615 to 6	844 11 . 11 11 11 11 11 11 11 11 11 11 11 11 11	1 2 1 2	1010 8010 6110 6100 600	0:01 mua + 0:10 - 0:00,	1149 1130 1142 1189	58'83 60'37 87'01 61'84	51°5 57°9 50°8 65°8
	Cuttank .	ingsteingpore Banki Guttack Kendrapara Japore	121.22		*** **** *** · · ·	0.01	10.00 10.00 10.00 10.00 10.00	4+4++1 y, 	#6bpq;	NII NII NII	9:01 Nil Nil Nil	0 701 NAI NAI NAI	0.94 0.90 0.90	48-19 50-63 40-65 44-02	4619 5412 5219 9316
	Ralmero	Chandbali		## 14	48,,.	protect to the second s		MARIA.	**************************************	NII NII NII NII	NII NII NII NII	Nil Nil o'le Nil Nil Nil	1:61 0:24 0:75 0:41 0:38 0:00	50°50 ° 50°50	53°5 50°N 51°7 56°N 63°2 63°3
to orm-W por Namare	Militeralista	Contai Saucor Inland Tomisok Midimpore Ghartai			4 ** ** ** ** ** ** ** ** ** ** ** ** **	######################################	WPV #4	######################################	0 = 0 E P	Nil Nil Nil	NA NA NA NA NA	NII NII NII NII NII	6174 6168 9798 9724 9705	66:65 75:64 45:00 46:15 87:89	61 0 04 1 49 0 67 0 54 2
	#4 Propprovents	Diamond Har- tone, Aliport Jul Barrackporp	144 4		******	#11 P4	#1 F - #1	40000	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Nil Nil	Nil Nil Nil	No. 1844 100	6°38 0°37 6°46	66:29 67:89 48:80	67*8 63*0 67*8
	Ночгар .	Bani-Dilla Baranat nuscordist			#14 ce b	466111	116	100145	**************************************	Nil Nil	NII NII NII	0.03 0.03 9.1 9.1	0136 0136 0138	55148 40128 59134 46163	50 4 48:2 68:3
	Houghly	Mitheareta (Chilaberrah) Serammen Hoogaly Jahanabad	144 bd	+4+888	814.65	*****	14 44 4 b		44 8 6 6 6	NII NII NII	NII NII NII NII	NA NA NA NA NA 0:18	0.55 0.57 0.83	43'46 56 75 50 23 30'43	48'8 47 0 56'2
	Hurdwan	Cultin Burdwan Cutwa Ranseegungs	#1# F1 #1#	4	#4 = 1 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 +	111741 114-7-	1227			Nii Nii Nii Nii	Nil Nil Nil	N 11 19 II 28 II	0.44 0.86 0.44	\$6.76 \$5.49 86.75 40.03	43 '3 47 '1 47 '1 46 '5
	Ratiltors	Hankoura Indan houseapora Kotulpur Mainra Khatra	*****	P17	h1++++	44 A P P P P P P P P P P P P P P P P P P		des d1	451444	NA NA NA NA NA	NII NII NII NII NII	NI NI NI NI 4 SA NI	0,18 5,007 6,21 6,21	541:86 E 84:48 9 34:53 46:25	45°9 45°9 48°1 48°1
	Beerbhoom	Bis. Scory	46+.pp	111117	*****	40 0 mm	######################################	40.000	44.55	Na Na	Nil	Na Na	0.14	41.68	691
	Nuddes	Hamighia Hamighia Chossinappor Mcharpara Koussina		**************************************	470 1V+ A(\$ 111 BB+77 0 A6B+BB	240111 papeng ashara ase 288	++++++ +++++++++++++++++++++++++++++++		444-44 444-44 444-44	NA NA NA NA	NII NII NII NII	NO NO NO NO NO NO NO NO	0'83 0'64 0'13 0'13	35 90 Servis 20173 87145 84172 41181	61°1 46°4 46°4 51°1 46°4
	Missolan	Satkira Bagirhat Khoolea		,	10+1	181	410-11	### ## ### ##	**************************************	NH NH NH	Nil Nil	Ni 1:03 0:50	0161 0185 0162	62147 65114 01164	68°1 69°6
	Jewore	Narail Justore Theritali Magocrab	**************************************	486 	1H		\$10 md	814 tor	414.p.	NII '	NII NII NII	0.13 0.13 0.13	0°45 0°20 0.24 0.22	80°91 81'75 43 80 64'15	6717 0319 5314 6810
	Moorthada and	haudi hampore Haul Scrizmporo Lalinati Ammaunge Jungiporo Lalgoia	111778	**************************************	# # # # # # # # # # # # # # # # # # #	7 7 7 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	010000 010000 010000 010000 010000		big481 81* **	Nil Nil Nil Nil Nil Nil	NII NII NII NII NII	NII NII NII NII NII NII	0:40 6:20 0:52 0:53 0:24 0:11 0:28	20,70 27,44 24,62 27,44 27,14 20,03	80174 80144 8114 69101 67124 6914
RACT MAPPIAL	Chittagong	Chitsagong Chitsagong Remanmati Reichn		,,,,,,	- 41 44 s	##F### F#F###	0.01	******	0.12	1 Nil	0.01 0.01	2.61 2.41	1.17 6 83 1.12	105188 86185 62188	18113 0114 85:01
	Bucketgange	Agariois Patuakbally Perusepore Burrimi	10.00	*****		947788 db	******	Pag	\$1 fam.	Nii Nii Nii	NII NII NII	2.01 8.00 8.11	1'03 1'03 4'70 0'08	84/30 84/30 79/02	03'8 03'8 03'2 03'2 03'9
	Nonkhelly	Noakhully	A	******	244484 244484	0.03	# # # # # # # # # # # # # # # # # # #	94 1 4 B I	## = b-	Nil	Nil Ving Nei	8.88 8.00	0.21 0.82 2.11	97:64 97:64	10976 10976
	Purrendpare	Madat pore Furnedpore Goslando Manatoguage Ducca Narauguage	**	######################################		1-0-1-1 1-0-1 1-0-1	010 04 010 41 010 41 	488 64	######################################	NII NII NII NII NII	Nil Nil Nil Nil Nil	1723 6725 6739 1724 6765 1703	0781 0781 0783 0710 0780	48'51 47'47 57'87 50'76 42'64 46'84	5516 5715; 5316; 7114; 6912;
· ·	Comilia	Mantesguage Comilla Chandpore Brainaupberia	**************************************	40000	445-86 445-86 846-91 815-91	793 P4	+14*P4 +14*P4 +1.34*	444-61	0181 PF 0187 PF 0187 PF	Nii Nii Nii Nii	NII NII NII	1.12 1.42 1.42	0°44 0°07 0°89 0°89	43°84 77°04 61°30 68°40	18:0° 18:0° 86:3° 6:0°
	Llymon-ingh.	Kuhuragunga Asia ing mananyah Jamanooro Natiwahia	4 - 10g	#127-1 	94641v	**************************************		#4P	11170d poptsh	NII NII NII NII	NII NII NII NII	0%i Nil 6%0 6%0 0%0	0.32 0.33 0.34	42'07 25 51 61'40 43'11 86 91	71:35 67:55 70:34 66:34

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 14th November 1884—sensited.

					7	SYCHAYT				Po	TAL.				
Messerelogical division.	District.	Pilostica.	definday, dila November,	eneday, 9th November.	Monday, 10th November.	Theaday, 11th November,	Wednesday, 19th Notember.	Thursday, 13th	Tridayy 14th November.	Number of	Reinfell of	Total rain- full from 1st to 14th November 1884.	Average total adit- fall front facto tech November.	Total chip- (all since loss May 1888.	Average restali from 18th May to date.
Hourn Breast	Pubna	Pubna Berngunge		19144		*****	h	1		20	Nii Nii	89 511	0°18 0°42	49'34 60'13	53:94 55:36
	Hoges	Sherpore Nowahilia Isogra	11)	laraba	1 4 718		11111		b b1	NII NII	Nil Nit	0140 0140 010	0:73 1:65 1:20	87'25 1 88 Rt 87'R9	61158 54198 41169
0.1		Panchbibl	a=41 F	*****	74.114					2861	Dill	211	10.07	39:07	12.84
	Hajahataya	Bounleah Nature Nowgong	######################################	17.00	10.7070	 	144411			NII NII NII	NIL	Nil Nil Ulio	0°18 0°53	33:00 - 36:16 41:88	83137 88141
	Maldah	Maldah		nd 54 80	1		+====14				Nil	Nil	0120	58.91	50143
	Dinagepore	Acultadobpore		44111	1 177.41	.,,,,,	**14.**	F P F 4 1 4		NII	Nil	2541	0.19	38'08	88.72
		Charemen Rasgunge Dungspore		*****	41 141	181818	-11 -	19601		NII NII NII NII	86 86 86	Ni) Nii	8 il 0:00 0:07	42:30	99,444 99,444
		Baloorgigat	-49-44	*****				*****	13-391	Sil	Nil	Nii	1	87-72	7
	Вынкрате	Buswameninge (Ogabanda).	*****	*****				.,		80	Nil	301	6.08	43'37	63166
		Rumapore	41+111		******	.,,				Nit	Nil	80	0.991	86:37	74'86
	Julphores	(Adphamara) Jalpaporee		-891.0					d	Nil	80 80	NII	0.01	40199 40199 201166	74' Lir 90' del
	Cooch Bahar.	Dichurin		PW6.4 8 1	.,	-11-4+	101 11	******	******	NII	80	3614	Nil	91.38	115199
	17	Mechanica	445-44	111-111 111-111	P* P* E4	41 - 45		44-616	******	NO NO NO	NII NII NII	Nil Nil Nil	No.	118'02 86'55	08.78 116.67 110.25 126.74
	Impjection	Buga				*****		.4	141141	NB NB	NH	Nil	N:1	181.00	198194
	mil.	Sdagard Darpeding Eminipolity	******	******			187418		#4++48 ##++++ 4-+++	NO NO NO NO NO NO NO NO NO NO NO NO NO N	NII	NII NII NII	0.07	85.43 90.13 64.90	107'86
Nonve Human	Purnesh	Kinderigange.		89.555		177.78	19414		4 39 41 4			Nit	0.03	05 76	T
		Paraonts		M =	464 - 6 -	74 1 · FE	1414 4	0 - 0 - 0 - 0 0 - 10 - 0 0 - 11 - 1	444 ba a	Nil Sil Sil	NII NII	No.	0.03 0.02	91.05 91.05	65'85 64'71 64'61
	North Bhagul pore,	Madiapore	466184	#1 0 to 4 *			*****	*****	6 11 4P	Nii Nii	NII	No.	D'us l	87:60 29:29	40°83
	terrbhungs	Tajpore Darbunom Madhabani	144 P		******	101111 101111		411.64	*****	Nil Nil	Nil Nil Nil	Nil	0.01 0.01	83:77 80:33 80:44	- 40°17 44°16
	Mountempore	Situmerhi	#101EE	******	## ## ## ## ## ## ## ## ## ## ## ## ##	787-18 P87-40		A+4 p+>===	** 155	N11	1841 1841	Mil	NH	36'BS	42.46
	Olicensparies	Mothari	418-71	VF 8 51	P14444	7.7717	185119	*****	444	Nil Nil	Nii Nii	201	D-07	41'51	41.0
	Saron	Gopalgange	#14	1141+1	******	40-1 and	1011	1410-14	881 and	Nil :	NII	NI NI	Nil 0.09	39:30	41:11 67:41
		Sewan Uhuprah	******	410.,.	page 12 h	41.141	477-10		******	Nil	NII	Nil i	0.04	22.30	431,81 431,61
SOUTH HUMAN	Shahahad	Buzar	*****	* 50 104			111761	144	140	Nil		261	0.07	28 79	37 91
	5(0000000000000000000000000000000000000	Bhabeeah	******	+++114	1.11.1	## # 4 4 P	16488	144444	10.000	NH NH NH	NH NH NH	Si1	P	B1 117	37190
		Schoolers	*****	*****	140.00 100.00	48 0 - 17	,		141 11F	No.	NII NII	NII NII	0.40 0.40	28194 744164 24121	30144 30114 37164
	Gye	Aurungabad	411		818784	8-4891				801	NH	2011	0.18	BH 29	40'05
·		Nowndah	416.00	449.4.	4775-+>	4	91000			Sil Nil Nil	Nil Nil	No.	0.18 0.11 0.38	21 54 27 20	46'80 85 60 86'44
	Patps	Patrin		47 *40)	Miles			111717	,,,,,,	Nii	Nil	200	0.00	20'64	40*51
		Bener	******	* *	## # *** ## # ***	******	184444	141.01	hbite	Nii Nii Nii	Nil Nil Nil	Nii Nii Nii	0 17 0 17	88138 00101 E8118	해변 환경 411년: 경제 4.
	Monthlyr	Begunsers:	hid add	994-41 814-81			******	11-1-1	B44 ***	NII	NH	NII NII	0 25	0E-80	38101
	South Shagul-	Dangalpore	******	** ** **		44.6-44		44144	,	Nil	Nil	Nii	0.25	35.70	41.4
	pore,	Itania	4.0	27+ 184	*** **	48 4 * 7*	1111111		*****	Nii	2011	Mil	6.484	26'08	46-7
	sussein.	tiobus	411704	41-14-		411-4-	187110	441518	441-41	Nil I	Nil	1011	0.67	20,11	48197 4512
		PRIORIE Nya Dogadka	riande	###*** ######	417	1 49	10000	1 81 9-1	411444	NH	Nil	Nii Nii	0.02	24.60 24.60	64° 25
		Jenogmur	4111-4	*****	******	411147		PRI 11 +	*15.00	Nil	Nil	Nil	0.25	81/11 97/18	45*3
BUNL NAG-	Hasaribugh	Paramete	*****	*****	41144	PR4F68	•	445-18	41-44-	NII NII	Nil	Nii Nii	0°80 0°23	28'60 38 60	4019
		Manuguich		dea = p !	411117	y= 40 £6	haaa		******	1711	NII	Nij	0,40	99.41	45 4
	Loharduggs	Lohurdugga	8-8-484		#10189 #ARLOG	44444	1 4 4 4 4 4	**		NIII Nii	NH	Nii	7 0°84	40.41	
		Pausoow	hodow)	11 × PQ 4	******	44	14 9 8 8 8	F*****	887 79 887 89	Nit	Nil	Nii	0.38	20.03	\$9'8 \$1.7
	Brigbbnoin	Орусовыя	4	444.41	hd > hd h	******		HERRIE		201	2011	Nii	0.59	44107	P6.84
	himbhoom	Ригина баримрого	*		******		18-668	1111111	#	Nil	Nil	NII	0:17	\$6125	au la
		4-1-41	448.141	441-11	4499==	41-111	******	a so and		2011	Nil	20.61	6,70	20,19	4618:

Esplanation. - indicates that no case has so case his fallon. If the return for any may use not been received, the corresponding spaces in the total random columns are laft manne.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL DURING THE WEEK ENDING THE 14th NOVEMBER 1884.

There is little to note in the meteorology of the past week. North-east monsoon winds prevailed over the greater part of the Bay and continued to give heavy rain to the South Coromandel coast and Ceylon until the 15th, when the rain ceased. A rather rapid fall of the barometer, extending from the 9th to the 12th, initiated a change in the distribution of pressure in the Bay. Previously pressure was lowest in the south-west of the Bay, and decreased in amount from the head of the Bay southwards. The area of low pressure was transferred to Aracan and Burmah, so that pressure increased from east to west across the Bay. This condition was established on the 14th and still obtains. During the period of falling barometer, skies clouded over generally in Bengal and Behar, and a few light showers fell in Orissa and East Bengal. The rise of the barometer on the 13th was speedily followed by the disappearance of the cloud, and fine clear dry weather was again established over the Province on the 13th or 14th.

Pressure was increasing at the commencement of the week. This continued until the

Pressure was increasing at the commencement of the week. This continued until the 9th, when it began to give way. It diminished slowly, but continuously, until the morning of the 12th, when a slight recovery commenced. The oscillations of the barometer are usually of little importance in November. The only noteworthy feature is that there is always a tendency to the formation of cloud during falling barometer, and this was shown very distinctly during the past week. The sky clouded over on the 11th and 12th, and began to clear again on the 13th with a rising barometer. The mean pressure of the week was considerably above the normal. The excess averaged '02" in Orissa, '08" in South Bengal, and '05" to '07" in Behar.

Temperature was unusually low during the week. This was mainly due to the low night temperature, which at present accompanies the steady prevalence of dry northerly winds. The mean temperature of the week was from \$\frac{1}{2}^0\$ to \$4\frac{1}{2}^0\$ below the normal in Bengal, Behar, and Chutia Napur, and nearly \$\frac{3}{2}^0\$ in Orissa. The deficiency in the temperature was hence very uniform over the Province. The following table shows the diminution in the night temperature during the week at several stations:—

				Minimum temperature, Nov. 8th,	Minimum temperature, Nov. 14th.	Decrease.
Cuttack	411	1 4 4		65.8	57.8	8.5
Calcutta	444	614		61.2	62.2	2.0
Burdwan	***			62.9	58.9	4.0
Dacca		At the st		62.9	61.9	1.0
Darjeeling		****		39-2	36 0	3.2
Dehree				5818	57.0	1.8
Gva				58:0	51.2	6.8
Hazaribagh	100	4 4 8	1 + 1	53.6	51.8	1.8

Humidity and Rainfall.—The air was unusually dry at the commencement of the week. The humidity increased slightly during the cloudy period extending from the 10th to the 12th or 13th, and then diminished. A few very light showers fell in the Pooree and Cuttack districts of Orisea and in East Bengal on the 12th and 13th. The rainfall was of no importance.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 14th November 1884:—

				TRMPE	BATU:	III.						BAINT	Alde				
		g week.	mrek,	Aven	Mos to	r work.	Above or		Of we	oks.	ß	niny da	Ja.	Bines	int of	Zino	o lati
Mayrorological Divinions,		Highest observed during	Lowest observed during	Of highest of each day,	Of lowest of rechidage.	Of mean for each day.	Average meen of week a below normal steam of	å reruge.	Normal sterage,	Yaration.	Average number in week.	Normal average num- ber in week,	Cariation,	Average.	Meraini average.	A verific.	Normal average.
Otroms 25. 104	100	8318	66.2	80%	65.8	73'8	2'8	0"0%	0.09	-0.07	0.8	0.8	-00	0.08	0190	81.78	13.16
Bouth-West Bengal	P4 4	85'0?	19.2	8018	61.5	26.0	-9.9	NI	0.00	-0.09	010	0.1	01	0.00	0.94	44'51	51'07
Best Bongal	411	86-3	60.4	79%	60h	7910	-8.7	0.91	0.18	-0.11	0°L	0.9	-0.5	3:21	0.90	66-84	70-29
North Bengal	434	81'6	41:1	707	3616	GHG.	-	Nii	0.08	-0-ab	0.0	0.1	-0.1	BO 0	0:17	88118	7:142
North Bohur	v41-	84'6"	21.00	60.01	56.64	68:7*	-3.64	Na	0.01	-0'01	0.0	0.1	-0.1	Nil	0.08	39'10	47°08
bouth Belar		64'8	81.1	79.4	66'1	67'6	-8.7	20.0	0.03	-0.09	0.0	0.3	-6.1	Mil	0.18	30'11	41'44
Chutta Nagpur	P14	77101	47'91	74-21	52'71	69:61	-4121	2011	90.08	-0.09	0.0	018	-0.8	NU	0.80	16'49	47.95

* Mozuiferpore not include

METEOROLOGICAL OFFICE, BENGAL;

JOHN ELIOT,

The 17th November 1884.

Meteorological Reporter to the Goot, of Bengal,

Results of the Meteorological Observations taken at the Alipore Observatory from 9th to 15th November 1884.

			tright	remeter	7	MAKPIPIL	LTÜRE,		1	Arazoi	ESTAT.		wind.			
Month.	Unde,	Maximum in mp.	Muss ber of house of	Men present bare at 85" Fahr,	Monn.	Marindon.	Range.	Misimom,	Monn wet bulb.	Vapour tension.	Dew point.	Humidity.	Provading direction.	Miles recorded	Bain,	Watern.
LBP6.	1	0		Inches,	0	0	0	0	0	Incom	0	1 %			Inches.	
FOV.	9th	140%	10'6	29:079	71-1	79 9	16-7	69.3	68.8	01486	68:2	5ã	NW and onlin	88	NiL	Chiefly cloud
P	HOL	140'8	48	1/77	70 8	79.3	16.8	83.4	65.1	-549	01.0	74	NW and calm	67	19	Chiefly sloud
po Principal	11th	106'7	0.1	1960	70'5	77.6	11%	56'3	65-7	'671	62.7	22	NW and colm	8t	Not meraure- abie.	Claudy, o, g,
30	19th	128-9	4-8	-977	70-0	77.9	19-4	66*5	64:6	-540	61.1	75	NW, NNW and onlan	77	NO.	Morning cloud
**	18ıb	188.7	10.9	1905	69-1	79-3	19:2	60.1	€7.3	'476	67:4	69	N, NNW and calm	98	D	olear, o.
μh	16th	188.2	30.2	1021	70.1	79-1	17.0	62.1	93.6	469	57.9	68	NW and NNW .	193	91	Clear.
a)	15th	145.6	100	-B18	70.8	80.4	17.8	63.0	884	445	58-0	61	NNW and NW	186	91	Partially eloud
	The The The The	otal maxin maxin mean averaş	temp	er of h possible	oura num of t re of of ter	of briber o	ght s f hou en de	unshi ra of	ne sunsi	nine		**			7 7 7	19 9 5 7 Hours, 50 0 7 5 5 0 70 8 6 0 0 0 5
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	The I	nieho	er uma	STATE OF	E wan	d on	ODA W	731 H Pm	(not							Ba.
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and i	The all the all the all from the all t	otal inveragement observations observations ters a	ce fall from the fall pressuration aum a re ve	om let of the ure, ten is made and min rified, a	Janu corre pera at 6 imuu	espon ary to spone ture, a n, 10t n tem te rea	ding ; 15th ling ; 2c., x , 16h perat dings	Period Noveriod re dec , and ures : have	for a for a duced 22h.	24 year 1886 24 year from braine	ra, S the	G.	's Office soffice set of the Barogra self-registering to standard construction sides, and as	therm	Not (0: 62: 65: und Th	18 iermograph

shove the ground.

The baronieter readings are corrected approximately to those of the standard Newman's No 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The orections and the movement of the wind are taken from the trace of an Oslor's anemograph and from a Robinson's anemometer.

The mouth or the ram-gauge is one foot above the ground. o overcast, g gloomy, d drizzling rain, a dew.

METROROLOGICAL OPPICE, INDIA; Colcuite, the 17th November 1584.

HENRY F. BLANFORD, Meteorological iterater to the Government of India. Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 9th to 15th November 1884.

					Тимгира	LEURE.			HT	GROMPTRY.		
MORTE.		Data		Moan,	Maximum.	Range.	Minimum,	Mean wet build.	Vapour tension.	Dew point.	Booldly.	Rain
				0	٥	0	0	0	Inches.	0	%	Inche
November	}			21:4	79-8	17-9	61.4	68.7	489	58 %	68	No
44	848	20.00	494	70 B	77-0	16-1 6-4	61.9	65.1	*\$59 *665	62 4	74 70 77 68 72 69	2.5
29	tell	Title L	. 14	70'8	76 9	11-9	64-1	68-1	-269	85.44 03.4	70	- 11
B19	100	7.0 - 7.	***	8.69	78 8	19.8	69-1	681	492	58.5	89	91
24	114	1464	144	70-8	79-G	18-1	60.8	64.6	4681	60-5	72	21
	411	15th		71.1	70.8	17.5	62.3	64 15	,681	60.1	69	17

The mean temperature of the seven d	ays .	40 41		70.4
The extreme variation of temperature			* ***	20:7
The maximum temperature	***	**		79.8
The mean relative humidity				72
60 1 C 11 - C C OII A- 1841	37	I DB 4		Ins.

The total fall of rain from 9th to 15th November 1884 ... Nil

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

Matrorological Office, India; Calcuita, the 17th November 1884.

H. F. BLANFORD,

Meteorological Reporter to the Govt. of India.

MEMORANDA.

THE principal features to be deduced from the mortuary statistics of the districts in Bengal, for the month of September 1884, as presented in the statement appended to this

memoranda, are the following:—

1. That the deaths of 100,532 persons were registered in these districts among their population of 66,163,884, representing an annual ratio of 18:12 per 1,000 against 19:56 per 1,000 in the preceding month, and 18:36 per 1,000 during the corresponding month of 1888.

2. That the following districts returned the highest proportions of deaths :-

	17682	FROGA.				Di	atrices.		
Gya Nuddea Patna Hamribayh	***	100	441	Batio per mille, 37:56 32:28 27:84 27:12	Rsjshahye Sarun Darjeeling	484 ***	4 4 4 5 6 1	***	Ratio per mille. 26:28 24:48 24:36

3. That the mortality from the principal death-causes specified in the following table exhibits no marked difference in comparison with the results of the corresponding month of the past year:—

							Ratio per millo during-		
						-	Beptember 1884.	September 1883.	
Cholera		411		1.10			-60	'26	
Small-pox		4+1	***	- 9-9			*f \di	403	
Fever	+ + 1			***	441	414	19.56	13.03	
Bowel-complaints				**:		111	•72	*84	
Injury	149		4 10 4			141	*48	*48	
Other causes		***		-4.84	,,,		3140	2.40	

4. That the highest fatal results from cholera, fever, and the diseases classed under the head of "other causes," were returned from the following districts, the rest of the diseases not proving noticeably fatal anywhere:—

566 11	Cholera.		Fever.	Oti	her Canses.	
	Rutic mil	per le.		tio per nille.		Ratio per milla.
Cuttack Poori Noakhali	8	76 Gya 72 Nudde 12 Rajshi	2	80-72 Poori 26-68 24-96	4/*	10.20

5. That the death-rates under the heads of Sex, Ciase and Age, stand as indicated below:—

According to Sea	t.	According to Class.			According to Age.					
1	Ratio per mille.		B	wille.				Ratio per		
Hales Females Batio of male deaths to every 100 female death		Christians Hindus Mahomodans Budhists Other classes	## ## ## ## ## ## ## ## ## ## ## ## ##	12:96 18:96 16:68 18:92 17:76	Under I y 1 and un 5 10 16 15 17 20 18 30 19 50 19 60 years a	der 5 y 10 15 20 30 40 50	95 90 93 95 96	22:56 10:55 9:60 12:00 11:76 13:44 17:04 25:08 40:08		

R. LIDUENDALE, M.D., Deputy Surgeon-General,

Sanitary Commissioner for Bengal.

The 17th November 1884.

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II. DIDDERDONE, M.D.	
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BIRKDAL, ;	
FOR	
COMMISSIONER FOR B	orember 1881.
OF SANITARY	The 1716 A
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Ograce	

MEMORANDA.

Branes and deaths were registered in the first class Municipalities in Bengal during the week ending 1st November 1884, at the rates, respectively, of 21.9 and 31.3 per 1,000 of population, against 25.8 and 28.7 per 1,000, respectively, during the preceding week ending 25th October, indicating a fair advance in the registration of deaths against a large decrease in that of births.

2. In the following Municipalities births and deaths are reported to have been recorded at the highest rates:—

	- 4								44" 10
,	Bi	riks.		Ratio per mile.		Deaths.			Ratto per milia.
Serampore	4.89	147	494	39'2	Purneah	111	4 2-0	166	69.2
Howrsh		484	***	33.2	Poori	741		0.00	62-1
Gya		487	***	30.1	Dacca	***	***	***	52.5
				Ī	Gya	444	411	9.44	45.8
	b		,			Caloutta			40.8
				j	Hughli	***	- 4 +	***	36.2
					Burdwan	111	449	/1-	35 1
					Darjiling	***	***		326
					Kisnaghur	- 4 +	***		32:2
					Patna		41	444	30.6
					Howrah		1114	***	29.0
					Beauteah	1.1	107	FIF	28.9

3. The principal diseases specified in the table appended to this memoranda proved fatal at the rates exhibited below: -

				Ratio per mille during the weeks ending-					
				lat 7	Tovember 1886.	24th October 16	184.		
Cholera	***	Wall to	161	***	20	1.8			
Small-pox	4 = 1	***	414	441	1	-1			
Fever	***	494	PH 4	***	15.1	18.3			
Bowel-complaints	***	484	** 4	44 -	4.2	4-7			
Injury	461	p.4 t	***		.2	*3			
Other causes	441	4.1	***		9·di	8.4			

showing that, in comparison with the preceding week, there occurred a noticeable increase of mortality from tever, and the diseases classed under the head of "Other Causes," particularly from the first-named disease.

4. Of the abovementioned diseases only cholera, fever, and "other causes" were noticeably fatal to life in the Municipalities named below:—

Cheler	3.		Fever.			Ott	or Causes.		
	* Ratio per mille.			1	Entio per tuille.				latio per mille.
Poori	17:1	Purnesh	P-14		62.3	Poori	411		29 9
Chupra	418	Dacon	P.1.P.		27.9	Daces	***		20'2
Durbhanga	4:7	Burdwan	har.	4 64	27.4	Hughli			14'8
Suburbs of Calcutta	3.3	Darjiling		444	26.1	Serampore	***		13.7
Dacca	216	Ranaghat		457	24.0	Gya	***	***	13.0
, , , , , , , , , , , , , , , , , , , ,		Beauleah		***	23.6	Patna		***	12.7
		Gya	490		21.2	Suburbs of			12.4

5. Under the heads of Sex, Class and Age, the mortality of the week under review stands as follows: -

According to See.	According to	Class.	. According to	o Age.
Males 3 Females 3 Ratio of male deaths to every 100 female	20 Christians 1-6 Hindus Mahomedans Badhista Other classes	Ratio per mills 21.7 32.7 27.9 96.7 72.8	Under 1 year 1 and under 5 year 5	191 127 246 186 216 243

B. Lidderdale, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal

The 17th November 1884.

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5.	4		os silano	garjo ot maje d	- S	100	25	12	92 3	9 5	116	909	10	male deaths.	996	150	101	female deaths.	*	2 2	8 9	9 1	8 3	200		51	x .	z •	8	252	
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		Sex.	PER DP NTION	Pennalan	9.0	0.51	23 29		118	D. S. S.	9 0	* 1	13.0	Ŷ.	17.5	15 50	55.3	;	9	10.4	2 2 2		0 1	0 1	14.7	10	16.6	20	70.00	\$.0g	Ī
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	ı	24		Mulon.	16 AC	16 967	10,179	12,520	3,046	66,989	347,906	13,263	4,005	10,708	To The	B.660	48,789	7,805	13,340	8,153	79,762	28.00	20,90	180.03	\$77.00	110'95	079,040	\$5,15±	8,463	13,027	
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	B. LIDDLEDALE, M. C. Deputy Surgeon-General,		TOTAL	44		0.6	<u>.</u>	Len			-	-		92	90	B	I.e			-			_		1.5	12.7	19 54 64			2013	100	4

Weekly Return of Traffic Receipts on Indian Railways.

BAST INDIAN BAILWAY.

Approximate Beturn of Traffic for week ended 8th November 1884 on 1,500} miles open,

	ООАСИЗИ	S THAFF:	ic,		M AND MINERAL	Other earnings	Total sarnings,	THAPPIO	TRACH-MEL	n nos.
1 44-1	Number of passengers,	Condi		Weight carried	i. Receipts.	(estimated).		Conching.	Merchan-	Total.
		Re.	A. P.	Mda, a.	4 Re. A. P.	Ba, A, Z.	Ro. s. P.			
Ton while for the week	221.839	1,90,000 185	6 0 18 2	19,08,400 10	5,11,775 8 6 535 0 7	14,876 18 0 9 7 4	8,81,447 11 6 144 5 1	65,997	86,489.}	152,479
For previous 18 weeks of half-	8,503,690	60,55,636	5 0	3,32,81,713 30	77,08,267 6 6	2,64,191 14 4	1,50,06,385 6 10	1,103,380	1,491,687	1,594,997
Total for 19 weeks	8,785,029	65,31,434	11 O	3,61,67,174 0	81,20,139 14 0	2,75,665 11 4	1,28,80,063 4 4	1,109,327	1,678,1401	8,747,476
*Comparison.										
Setsi for corresponding week of previous year	204,8741	B,00,758	9 3	12,23,408 20	5,77,780 12 '9	19,080 12 6	8,95,319 11 4	71,039	104,426	175.405
Per mile of railway correspond-	PE	206	9 9	*****	382 14 3	13 6 1	899 14 1	1+++==	754441	*****
Potal to corresponding date of	3,711,844	41,47,882	13 0	8,48,90,457 0	1,17,41,483 16 10	3,34,964 7 1	1,02,35,860 14 5	1,194,780	2,484,987	3,610,678

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	TE FOR WEEK			November 18			L ERCRIPTS PRO 1985 TO 10TH N BEE 1885.		TOTA APEIL	L RECEIPTS PRO 1886 TO STE I DER 1886.	NOVEM-	Total increase	Total docresse
ldean mileage worked,	Receipts.	Per mile worked,	Monn mil-age worked.	Receipts.	Per mile worked,	Menn mileagu worked.	Total receipts.		Mosn milengo worked.	Total receipts.	Per mile worked.	in 1984.	in 1884,
	Ra,	Re.		Ba.	Rp.		Ba.	Ba.		Re.	Re.	Ba.	Re,
1,500	9,85,230	600	1,500%	8,21,643	344	1,569	8,08,88,479	20,108	\$40a,s	2,44,57,511	14,301	47747	84.60,848

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 8th November 1884 on 571 miles open.

11 77	COVCHIME	TRAFFIC		MEECHAR		PPIC.	RAL	Otherene	nines	Total	TRAFFIC	TRAIN-MIL	sa avs.
	Number of	Conchir		Weight		Receipt	l.	(051/109)		eurainge.	Coaching.	Merchan- days.	Total.
		Ba.	. 2.	Mos.	B.	B4. A	e Pr	Ra.	A. P.	Es, A. P.			
Total traste for the week Or por mile of railway	19,018	11,770		50,513 533			1 8	a* 60	8 0 0 11	14,461 1 0 253 8 8	1,796	1,004	9,800
For pe p us 18 weeks of half-	843,807	1,45,490	5 D*	7,77,809	101	56,901	1 01	1.749	8 01	2,08,147 18 €	\$0,168	17,0866	46,487
Total for 18 weeks	\$62,829	1,47,966	8 0	6,08,015	80	68,651	3 4	1,810	O R	3,17,6±0 0 6	53,760 <u>‡</u>	18,0412	57,46
Total for corresponding week	7,700	4,482	8 1	71,727	10	8,930	B 0	90	9 0	7,858 7 1	2,708	2,270	8,97
Per mile of railway correspond- ing week of provious year	457	79	7 11	1,556	0	. 50	7 8	1	2.4	158 8 11	810100	\$46+43	473.00
Total to corresponding date of previous year	\$15,160	1,19,448	1 8	4,31,189	20	43,925	0 0	1,068	0 0	1,56,731 7 8	95,214	19,708	47,98

* Added No. of passengers 16,450 and Rs. 3,645 on account of differences between the Approximate and Audited Returns to weak ended 37th September 1854. † Added Mds. 263 and Rs. 253.7 on account of ditto ditto to ditto ditto.

Approximate Statement of gross receipts of the Patna and Gya State Railway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, dated 23rd July 1883.

Parent 91	NOVEMBER 1	nuding	RECEIPT	Norman is	ENDING 184	A	RECEIPTS PAGENTAL 1888 TO 101 NOVEMBER 1888	ent .	A.	RECEIPTS FRO RIL 1884 TO STI OVERLESS 1884.	M Ist	Total	Total
Mean tellunite worked.	Receipts.		Mean pileure worked,	Receipts.	Por mile worked	Mean ani-age worked.	-Wotal recaipts.	Par mite worked.		Total enoupts.	Per mile worked.	increase in 1864.	decreas in
	Bo.	Ra.		Ha.	Rs.		Ha.	Rs.		Ba.	Rs.	Ra,	Ra.
871	9,860	129	\$7 ₈	14,481,	1.53	672	2,78,456	4,833	671	9,81,186	8,799	84,871	*****

GHAZIPUR-DILDARNAGAR STATE RAILWAY.

Approximate Return of Traffic for week ended 8th November 1884, on 12 miles open.

	COACHING	TRAFFIG.		Henduakoles Levi	ARD MIN		AL	Other se	eni	n erec	Total		THAUPTO	TRAIN-MIN	
	Number of lancengers.	Couching rectiput.		Weight carried.	Receip	pbe		(estima	ted.		earnings.		Coaching.	Meichan-	
		Rs. A. F		36 pa. 1.	Ba.	Д.	₽.	Ho.	A.	P.	Bs. A.	P.			
Total traffic for the week	9,041	81 4		20,016 0	201		11	20 18	8	9	697 4 68 1	8	2301	981	129
For previous 18 weeks of half-	20,084*	6.928 13	۵ª	1,65,245 01	3.271	14	04	884	8	02	10,885 0	0	3,8011	2,2004	6,180
Total for 16 weaks Companiess.	39,725	7,803 15	0	1,65,801 10	8,503	P	0	514	12	0	11,382 4	0	4,094	2,308	4.480
Total for corresponding week of trevious year Per-mile of railway correspond-	2,075	876 3 81 6		14,639 10	318		0		3		741 6		1	134	319
Total to corresponding data of previous year	30,700	9,685 35		2,07,342 30	4,025		0	483	13		12,082 12			9,145	6,293

^{*}Added No. of passervers :50 and disducted Rs. 30 on socount of differences between the Approximate and Audited Returns to week orded 27th September 1824, ditto ditto to ditto to ditto to ditto to ditto to ditto.

Approximate Statement of gross receipts of the Gházipur-Dildárnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPT	NOVEMBER	ENDING 1883.	Recut P	ts for werk November 1	##DJ%G .884.	Az	L RECEIPTS PAC PRIL 1883 TO 10 NOVEMBER 1883	TE	A	L RECEPPTS PRO PRIL 1834 TO 87 NOVEMBER 1884	TEL .	Total	Total
Mean mileare worked.	Receipts.	Por mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts		Mean mileage worked,	Total receipts.	Por miles worked.	thereas in	deorenne in
	Ba,	Re.		RA.	Ba.		Ba.	Re.		Re.	Ra.	Ba.	Rs.
28	743	es	19	697	58	12	27,556	9,297	12	29,816	2,443	2,750	070404

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 8th November 1881 on 744 miles open.

	COACHING	TRAFFIC.	MERCHAUDING TRAN		Other earnings	Total carnings.	TRAFFIC	Train-mile	B RUN.
Angelon (p.)	Number of	Conching receipts.	Wolaho oarried.	Henetpte.	(outlimated).	Lown emiliage.	Conching.	Merchan-	Total.
		He, A. P.	Mon. n.	B0. A. P.	Bil. A. P.	RA. A. P.	-,		
Total traffic for the week. Or per unite of rullway For previous 12 weeks of half-	4,170	8,999 5 0 51 2 0	B3,896 8	8,177 5 0 48 10 4	97 13 9 1 5 0	7,158 0 0 96 1 4	665	L,094	1,760
For previous 18 weeks of half-	76,755*	61,128 13 0	8,88,801 801	89,789 7 3+	1,736 9 83	1,01,029 13 0	31,889	10,257}	727,0291
Total for 10 weeks	60,034	65,007 2 0	8,98,517 30	41,948 18 s	1,883 5 3	1,08,787 \$ 6	12,047	17.9518	1 3062
COMPARISON.						,			
Total for nerrosponding week of previous year	0,939	5,408 S A	86,277 80	2,168 18 0	171 16 0	7,723 14 4	264	1,018	1,788
ing week of previous year	170101	72 8 5	611 744	\$8 18 6	8 6 11	108 10 10	*****	141979	4-1590
Total to corresponding date of previous year	84,783	66,80 \$ \$ \$	6,98,004 80	41,846 15 0	5,300 6 G	1,10,949 10 8	19,135	10,238	28,366

a Reducted number of passengers 43 and Rs. 1,416 on account of differences between the approximate and audited returns to weak ended 27th Soptember 1984, 1 Deducted number of passengers 43 and Rs. 1,416 on account of differences between the approximate and audited returns to weak ended 27th Soptember 1984, 2 Deducted number of passengers 43 and Rs. 1,416 on account of differences between the approximate and audited returns to weak ended 27th Soptember 1984, 2 Deducted number of passengers 43 and Rs. 1,416 on account of differences between the approximate and audited returns to weak ended 27th Soptember 1984, 2 Deducted number of passengers 43 and Rs. 1,416 on account of differences between the approximate and audited returns to weak ended 27th Soptember 1984, 2 Deducted number of passengers 43 and Rs. 1,416 on account of differences between the approximate and audited differences are account of differences and account of differences are account of differences and account of differences are account of diff

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPT	NOVEMBER	Rading		TS FOR WEST NOVEMBER 1		A1	LERCRETT PROPERTY INC. NOVEMBER 1868	TITE TO THE	A	L ERCEIPTS FRO PRIL DOLLED SE NOVEMBER 1886	11	Total	Total
Mean plience worked.	Rocsipts.	Per maile with mile with	Mean mileage worked.	Receipts.		Mean mileane worked.	Total receipts.		Mean intlence ware od	Total receipts.	Per mile worked.	1386.	decrease in 1584,
746	Ro. 7.754	Ra,	764	Rs. 2,158	1 Sta.	76)	Ra.	Ra.	741	Ra. 2,07,126	Re. 1,780	He,	Rs.

BENGALIPROVINCIAL RAILWAYS.

Waskly Statement of Traffic Receipts.

Infest return received.	Name of Railway.		Length	RECEIPTS VOR WERE ENDING						TOTAL BROKE		Total	Total	Pergantage
	NITTIO OF	Rallway.	орел.	15th F	lapte labb.	mbe	17	12th Septembe 1884.	n'	To 15th Septem- ber 1885.		in 1884.	domesse in 1884.	of incresse * or decresse.
1686.			Miles.		Re.	A	r.	Re. A. :	۲.	Bs. A. P.	Ba. A. P.	Be A. P.	E4, A. P.	
\$0th September 13th	Northern Tirhopt Nulhati	Bongal	140 103 27	17	,618 7.858 7.892	0	0	44,084 0 16,008 0 1,468 0	0	15,60,717 0 0 5,98,580 H 0 60,803 0 6	18,65,8(1 0 0 8,47,511 0 0 56,606 0 0	2,48,980 D 0	2,01,475 0 0 4,197 0 0	-13 +41 7
		Total	4691	61	048	0	0	63,051 0	Ö	29, 20, 199 0 0	21,00,468 0 0	43,280 0 0	111111	+ 1

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

					Rs. At P.
Barnings for week ending 1st November 1884	111	48.1	***	411	10,393 0 0
Corresponding week last year	** *	v4 s	111	41.1	8,916 14 1
Increase The Late No. 1004	9.1.4	4.	814	4+4	1,470 1 11
Receipts from 1st July to 1st November 1894	0.14	B 1 B	414	810	1,53,308 3 9
from 1st July to 3rd November 1883		***		419	1,50,793 1 10
Increase	***		114	***	2,615 1 11
					Milea.
Miles open week ending 1st November 1884 Corresponding week last year	***	***	gh 4s	814	50
Corresponding Meer 1987 Aort	FIF	144	***	444	
Receipts per mile open week ending 1st November	1884	***	48.1	411	207 18 9
Corresponding week last year	461	494	No. b	471	178 5 5
Increase		***	40-	** .	29 8 6

DARJERLING, the 8th November 1884.

W. SIEVENSON, Secretary.



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, NOVEMBER 26, 1884.

OFFICIAL PAPERS.

Non-Subscribers to the Gizzette may receive the Suppliement separately an payment of his Rupear per annum if delivered in Calcutta, or Twelve Rupeas if east by Post.

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THE following papers are published for general information.

J. WARE EDGAR,

Offg. Secretary to the Government of Bengal.

October last it is clear that the entire blame for the railway accident at Aranghatta on the 2nd October last, and the dire consequences which resulted therefrom, rested with the unfortunate driver Walter Cumming, now deceased. It has been proved to my satisfaction by the statements of drivers, guards, station-masters, and other railway officials that the telegram containing the words "detained here," when taken with the main signal, which admittedly was at danger, was not misleading, and that with such there was no possible excuse for the driver not bringing his train to a stand short of the main signal. This is further supported by other telegrams, similarly worded, which had been made over to drivers who had stopped their trains before reaching, or else opposite, the station. Doubtless, in the cases of these last-mentioned telegrams, the distant as well as the main signal was at danger; but at Aranghatta especially, where the line is so straight that the main and distant signals can both

be seen at the same time, even had the latter been white, the former should have prevented the driver from entering the station limits, otherwise than at a slackened speed, and going beyond the station itself. It is quite evident, both from the evidence and conduct of the guard of the mail train, that he thoroughly understood what ought to have been done; and if he did so, there is no reason to suppose that the driver was misled thereby.

As regards the state of the distant signal, all the station staff swear positively to its being in working order and at danger. Their evidence must of course be received with caution, but for the following reasons I am inclined

to believe that their statements are true.

The machine by which this signal is worked, if left untouched, keeps the red spectacle over the light, and it is only by pulling down the lever and fixing it that the said spectacle is removed from the face of the lamp. The rule, too, is that distant signals should remain at danger; that the lever should be lowered on the approach of a train, and again allowed to fly back as soon as the train has passed within it. Under such circumstances, it can scarcely be said that, through neglect, the signalman left the signal white. He must purposely, either of his own accord or under orders, have lowered the lever; but why he should have done so it is difficult to see. It certainly might be, that he neglected to unfix his lever after the last train had passed in; but had he done so, it is, I think, more than probable that this neglect would have been noticed by some one during the interval which clapsed between that and the mail train. The only witness, other than the staff station, who can or who is likely to be able to speak to the state of this signal is the guard of the train. Passengers, even if awake, would seldom, if ever, look at them. This guard states that when he sighted the distant signal, he was distant about one mile from it; that it was white; but at the same time, seeing the main at red, he at once went to his brake, and by means of it tried to attract the attention of the driver. But when this ovidence is read with that of Mr. Patterson, the Permanent Way Inspector, there is a possible way of explaining how it was that the guard found this signal white. Mr. Patterson, it seems, took down from Bagoola a relief train some few hours after the accident, and he states that when at a distance of two miles from the distant signal, he, too, noticed that it was white; but on approaching nearer to it he saw it was red. This change, it seems, might be caused by the lamp not having been pulled up to its extreme height. Now, it is, I think, quite possible that the guard, after once seeing the light white, but perceiving the main signal against the train, busied himself with his brake, and in other attempts to attract the driver's notice, and never again looked at the signals. There was certainly no necessity for his doing so, and there was every necessity for his giving his full attention to other matters. I would here also remark that, under the rules, a half-red and half-white signal is a danger signal.

As to the distant signal being out of working order, there is not the slightest proof. The Reverend Mr. Bell, who heard a discussion on this subject, says that he heard a man, whom he took to be one of the station staff, say that it was out of order, and that if he saw that man again, he could identify him. When, however, the whole station staff were paraded before him, he distinctly said that that man was not among them. This gentleman further states that he heard the station-master say that he had shown a hand red light, from which he drew the inference that he (the station-master) admitted that the distant signal was out of order. I am, however, unable to concur in this latter view. It was the station-master's duty, whether the signal was at danger or not, to show the red hand-light under the circumstances; and as I have no doubt that any discussion which took place so soon after the accident would be attended with a certain amount of confusion, it is quite possible that the station-master's remarks had no connection with that of the person who said that the signal was out of order. Added to this, the evidence of Mr. I'atterson goes most clearly to show

that it was in good working order.

With reference to the conduct of the station staff after the accident, the most that can be said is, that for the space of some five minutes they were quite unnerved, and shut themselves up in one of the station rooms. But even this is not satisfactorily proved.' Indeed, the evidence of the guard actually disproves that the station-master shut himself up, though it goes to show that he was too

unnerved to be of any great use at such a time, when there was so much for the station-master to do. There is nothing surprising in the fact that some of the passengers should have required his assistance and failed to find him; nor is it to be wondered at that for a short time he, and indeed every one not possessed of cool courage in time of danger, should have been unnerved. As far, then, as the station-master and his staff are concerned, there are, I consider, not the slightest grounds for believing that they in any way neglected their duty. In short, I can only account for this accident by the supposition that the driver and his firemen were asleep till it was too late to prevent the collision.

With reference to the management since the line has been taken over by Government and the "line-clear" system generally, the Manager, Major L. Conway Gordon, R.E., has fully deposed, and I feel sure that all who heard that evidence must have been thoroughly satisfied with the clear, free, and straightforward way in which it was given. From it there can be no doubt that complaints which have been made of reduction of the working staff, and the consequent overwork which has been forced on the existing staff, has no foundation in fact; but that, on the contrary, the strength of the working staff has

been actually increased.

The line-clear system, as now described by the Manager, seems to ensure the safety of all trains; that is if, in practice, the rules are strictly enforced. In a case tried by me some months back, when the line was with the Eastern Bengal Railway Company, it seemed to me that the rules were not practically always attended to; and hence I made cartain suggestions, which, however, I now find from Major Gordon's evidence, are not needed. I think, however, that it would be an additional safeguard if it was distinctly laid down that, when the "line-clear" was only from one station to the next, the rule that the telegram is to be delivered by the station-master to the guard, and by the guard to the driver, should be strictly carried out, and that drivers should not be permitted to pick up the "line-clear." This would ensure all trains, which were even only likely to cross another, to come to a stand at the station, irrespective of the signals, which would then be additional, and not the chief, guide for drivers, as they now are.

There now remains only to consider the action taken by the various authorities after the accident. The evidence shows that the guards of both trains, with the assistance of the passengers, did all that was possible, under the circumstances, till the arrival of relief trains from Bagoola, Kanchrapara, and Calcutta; that the Deputy Magistrate at Ranaghat, Inspector of Police, Sub-Deputy, Native Doctor, and some police were on the spot as soon as it was possible for them to get there; that the wounded were first attended to, and their sufferings relieved, as far as circumstances admitted, and they were sent down to Calcutta under charge of medical men; that the dead bodies were collected, and police deputed to watch them and all property that was lying about; that every endeavour was made to have dead bodies identified; and that when it was no longer advisable to keep the bodies, they were disposed of decently, and that not till descriptive rolls had been taken, and a list of all property made out. There were doubtless many difficulties to contend against, some insurmountable; but there is, I think, no reason to believe that more could

have been done than was done under the circumstances.

On my return from Bagoole, the District Superintendent sent me a copy of the Indian Mirror, dated the 24th, in which complaints of robbery and want of due attention to the sufferers were made, and it was stated that some of the wounded in the hospital in Calcutta would speak thereto. I at once sent this off to the Deputy Magistrate of Ranaghat, with directions to go to Calcutta, see and examine the wounded there; and if he found any ready to depose to such facts, to send me word, in order that I might myself record their statements. I am glad, however, to be able to say that the report of the Deputy Magistrate clearly shows that none had any such complaint to make.

In conclusion, I have to express my thanks to Mr. W. C. Bonnerjee, Standing Counsel, for the assistance he rendered me in conducting this enquiry, and to Major Gordon for the arrangements made for the convenience

of the Court and for my personal comfort.

W. V. G. TAYLER,

BEFORE leaving Bagoola I directed the discharge of the station-master, who had been arrested and was on bail.

W. V. G. TAYLER,

The 5th November 1884.

Magistrate.

The deposition of Major L. Conway Gordon, R.E., taken on oath or solemn affirmation under the provisions of Act X of 1873 before ms, W. V. G. Tayler, Magistrate of Nuddea, this 30th day of October 1884.

My name is Lewis Conway Gordon. I am Manager of Eastern Bengal State Railway. I took over charge of my office on the 31st August, or 1st September last, from Colonel DeBourbel. Since I have been in charge I have made no reductions except from Colonel DeBourbel. Since I have been in charge I have made no reductions except in the clerks of my own office. These clerks had nothing to do with the working of the railway. I am not aware of any reductions in the working staff since Government have taken over charge. No application for additional staff has been refused. All drivers and firemen who were previously employed are still in employ, except such as have been dismissed for faults. I could tell the number of such by reference to the minutes of the official meetings. The places of such dismissed men have been filled by others of the same class, as far I know. The strength of the working staff has, it anything been increased. The meaning of a line-clear message is that the message is an intimation given to the drivers that the line is clear of all obstruction, as far as it is known, from one distant signal to the next. Between this and the block system the difference is that in one case you give the driver written intimation that the line is clear, and in the other that in one case you give the driver written intimation that the line is clear, and in the other the driver trusts entirely to signals. The driver, on receiving a line-clear message should not start till he has received a hand signal from the guard; then after passing out beyond the distant signal, he would run his train at such a pace to keep time towards the next station; the whole time in driving he would keep a sharp look out for any signals from the permanent-way men on the line, and he would obey any signals given in spite of his line-clear. He ought to have his train well in hand on approaching the next distant signal, and take his orders from that signal; if that signal showed danger, he ought to bring his train to a dead stop outside the distant signal. I know the Aranguatta station; it is a small roadside station 50 miles, 71 chains from Calcutta, and is situate to the south of Bogoola, and roadside station 50 miles, 71 chains from Calcutta, and is situate to the south of Bogoola, and north of Ranaghat. It is about 64 miles from Bogoola and 54 from Ranaghat. There is nothing but one long dead siding, about 1,833 feet long. The points lead off exactly opposite the station building and the main signal. This plan Exhibit A, now before the court is correct. The dead siding is marked on it. The positions of the distant and main signals are correctly given. The dead-buffer is about six feet high. Engines at night have a red light in front; the dead-buffer at the end of the siding is not so high that this light would be hidden by it. The main signal shows red and green by night, with ordinary semaphore arms by day. The north distant is from the main signal 1,969 feet, and the south 1,820 feet from the main. The distant signal is about 136 feet from the dead-buffer. The distant signals are worked by a long wire leading from the distant to the lever near the main signal. Both distant signals s long wire leading from the distant to the lever near the main signal. Both distant signals are worked alike. The distant signals are the same as the ordinarily prescribed patterns on the State Railways. I have been two or three times over the line at Aranghatta, and made it a point to examine the whole station and the line running to and from it; the line is nearly straight the nearest curve to the north, is 2 miles 9 chains away, and that is a 2mile curve, and the country is clear, and there is nothing to obstruct the distant signals. I went out specially to see how far off the signals could be seen at night. I found that the light was visible from 11 to two miles off. This specially applies to the north distant signal. This signal would ordinarily remain at danger, and it has to be pulled to be brought down to caution. The arrangements for working these signals are within a few feet of the main, and are visible from the main. Semaphore arms are of use only in the day time; at night a are visible from the main. Semaphore arms are of use only in the day time; at night a lamp is hoisted on the signal post, and the danger signal is given by a red spectacle, which covers it; the same wire that moves the arms moves the spectacle, and, as in the case of the arms, it would ordinarily remain at danger. As soon as the lamp is hoisted up as high as it can go, it would be at danger. When loosing the wire to bring a caution signal to danger, a green spectacle falls over the bull's eye towards the station, and thus tells the man that the signal is at danger. Distant and main signals are intended entirely for guidance of drivers and guards. There is a disc signal at each point at most stations on this line. This is not a working signal; it is increly an indication how the points are laid. If for the main signal, this signal shows white, and if for the siding, it shows green. It is shown by a disc by day and lamps by night. There is a disc signal gives merely shunting directions. According to working time-table the 14 down and the 16 up goods should have crossed at Bogools on the 2nd October; the 14 down was due there at

1-40 A.M., and the 16 up at 2-10 A.M., the mail train stopping at Bogoola for refreshment, its booked starting time being 2-10 A.M. The 14 down mail had on that night 29 vehicles. There was the engine and tender, then 10 covered goods wagons, one second class carriage, one intermediate, six third class, one postal composite, one intermediate, one composite first and second, one first class carriage, one brakevan, one luggage van, two horse-boxes, and two fish vans. One brakevan is the ordinary number for that train, and this train has been run thus for years. When I took over charge, there was a great want of brakevans. The driver in charge of 14 down was Walter Cumming; he had the ordinary number of two firemen, both natives, viz., Gopal and Tomizzuddin. The guard was John Lander. The driver and Tomizzuddin are both dead, but Gopal is missing. I asked the police to look after him, but he has not yet been found. Walter Cumming had been in employ in the Company, and was taken over with the line. I have a record of his services. He was appointed by the Company as fireman from September 1877 to September 1878, and as shunter from September 1878 to July 1880, when he resigned. He was re-employed as fireman and shunter in March 1882, and finally promoted to driver in April 1883, and continued such till his death. I believe Gopal has been fireman since April 1883. The 16 up on the 2nd October had an engine and tender and three 45 wagons and one brakevan. James Morgan was driver in charge; he had two firemen, both natives, viz. Sheikh Alee and Bundoo; they were not his regular men. The guard was H. Dee. The driver and firemen are dead. Morgan was engaged as fireman in March 1874; he served as such till April 1877, when he was promoted as shunter, and finally to driver in 1879, and continued as such till his donth. We had no special system of appointing drivers for passenger and goods trains or other engine, but kept on the system of first in and first out, as done by the Company, the result of which is that a driver may have a goods train one day and the mail another. We were compelled to have this system, though I do not think it a good one. We could not, however, remedy it, on account of having agreed to keep on the Company system of overtime allowances till the 31st December next, and besides I was not anxious to introduce any material changes in the very height of the jute season, when the traffic is the heaviest. As far as records go, the 14 down came to Bogoola in time, composed and marshalled as given above, but the 16 up goods was running late; she left Sculduh about 19 minutes late; the train which then goods was running late; she left Sculdul about 19 minutes late; the train which then only consisted of engine and brukevan had to wait for the engine; the wagons were picked up on the road, 40 at Chitpore and 5 at Shamnuggur. The engine was late because the driver was waiting for his firemen, Golab and Yakoob. They did not appear or send notice that they could not come, and the locomotive foreman had to send two new men. Neither of the trains had to stop at Aranghatta according to the working time-table. The up train being late, while the 14 was in time at Bagoola, it was the duty of the station-master, Bagoola, to arrange for another crossing further down. This he would do by asking for line clear from Aranghatta and or receiving line clear, he would give it to query and the for line-clear from Aranghatta, and on receiving line-clear, he would give it to guard, and the guard to the driver. The up train left Chogda at 1-48, and before leaving that station would have a line-clear from Ranaghat. She left Ranaghat picking up line-clear at 2-8 a. m., working under line-clear between Ranaghat and Aranghatta. The Ranaghat station-master, under these circumstances, would ask for a line-clear from Aranghatta, and having received it would give it to driver as the train passed slowly through. It would be known at Bagoola when the train left Ranaghat, and I believe it would also be known when it left Chorda. The duty of station-master, under these circumstances, after giving line-clear to both stations, was to keep main and both distant signals at danger till arrival of the both stations, was to keep main and both distant signals at danger till arrival of the up goods. The usual rule is to give preference to the passenger, but owing to particular disposition of the Aranghatta station, a working order was issued to say that in all cases the up train was to have the preference, and thereby allow the up train to go straight into the siding. Those orders were issued by the Eastern Bengal Railway Company, and have been kept up by us. The mail train, therefore, should have remained at the distant signal till the goods was well in the siding. The station-master's first attention would be to the goods train. On arrival of the up, he would have county distant and let the train come in within station limits, keeping all other signals. lower south distant, and let the train come in within station limits, keeping all other signals at danger. The south main would then be lowered, and south distant raised to red; he would then open the points, and hand-signal the train into the siding, and then see that all was clear, when he would then lower the north distant signal, and as the down train approached the main, he would raise the north distant signal to danger, and lower the down main, having previously put the points over the main line. The duty of driver of up goods would first be to satisfy himself before leaving Ranaghat as to the contents of his line-clear; he would then to satisfy himself before leaving Ranaghat as to the contents of his line-clear; he would then have driven cautiously on looking out for distant signal at Aranghatta; he would keep the train well in hand on approaching that signal; if he found it lowered for him he would bring his train cautiously within station limits, and if main signal were lowered he would go on cautiously, and seeing the disc light in his favour, and showing green, and the statiou-master's signals, he would have taken his train into the siding, and remained there till hand-signalled back, after departure of the mail. The duty of driver of down mail, having satisfied himself of the contents of the line-clear, would keep a sharp look out also for distant signals; on finding these against him, he should have brought his train to a dead stop outside that signal; he would then have crept inside, so as to get protection by that signal, and remained there till main was lowered. In case the distant signal was in his favour, he would there till main was lowered. In case the distant signal was in his favour, he would come to a dead stop at the station, and under no circumstances have passed the main; he should, in fact, have brought his train to a standstill between the distant and main signal. If the goods had been in the siding, it was his duty to see, by observing the side lights of

the brakevan of the goods, if the whole train was within the siding. He could not, under any circumstances, go through to Aranghatta without the line-clear. If he had to run through picking up line-clear, he would have seen both the main and distant signals would have been in his favour. The line being very straight, the main signal can be seen at the same time as the distant. Under the circumstances, the guard of the down having satisfied himself as to the line-clear, would personally give it to driver, he would then keep a sharp look out, and if the driver did not slaken or stop, when he (the guard) thought he should do so, he ought to have applied his brake sharply and otherwise endeavour by danger signals to attract the notice of the driver. In some trains there are communication cords, but not in this one; it is not under the rules a necessary appendage. The train, as composed, could not have been supplied with one, since the stock handed over to me had no spirals. With short trains according to my experience, this cord does act, but not with long ones, and especially mixed trains, when it usually gets jammed. I here put in the line-clear message which passed from both sides (Exhibits B. C. and D. E. F. G.) To understand the meaning of message C "detained here," we must first look to wording of B. The station-master of Bagoola directs to "detain No. 16 at look to working of B. The station-master of Bagoola directs to "detain No. It at yours;" this was a form of message only necessary when 16 up was running on a through line-clear between Ranaghat and Bagoola, which she was not doing in this instance, and when after giving a through line-clear to No. 16 up from Ranaghat to Eagoola; it subsequently became necessary to stop No. 16 up at Aranghatta; the form of words used by Bagoola in this case was unnecessary. The station-master of Bagoola appears to be in the habit of using this form. The station-master of Aranghatta replied "Detained here" merely in answer to station-master of Bagoola, meaning that she would not be allowed to go further. I think the message on both sides was redundant, was intended as extra, and, in my opinion, ought not to have deceived the driver. The crossing of 14 down and 16 up was not unusual; it had happened on the morning of 3rd, 13th, 22nd, 24th, 26th and 30th of the month of September. I put in copies of the messages (exhibits) that passed on these days. On none of these occasions as far as records show had the 16 up arrived at Aranghetta when the messages were despatched. These messages would, however, worded clearly, indicate that the train had to cross, and the staff would rely for the position of the trains on in and out reports, but the drivers would simply know that they had to go as far as the distant signal. Drivers have to signal watering and crossing stations and train notice note. I produce that of 2nd October for the Bagoola station; it shows the trains the drivers have to cross (points out the signatures of Walter Cumming and Lander.) The duties of the staff above-mentioned are all given in a manual called general rules, which is common to all railways, and in addition thereto subsidiary rules, and the desired product of the staff above-mentioned are all given in the rest of the staff above the staff above mentioned are all given in the rest of the staff above. authority of the general rules, have been issued. These rules are given to all officers, who are obliged to have them. Alterations are issued from time to time by circular orders. After the accident, I went to the spot, arriving about 8 o'clock on the 2nd. I saw the two engines were blocked together about 357 feet to the south main signal; the engines had met face to face, the tenders had both mounted the engines, the under frame of tender resting on the outer shell of the fire-box. Driver Morgan and his firemen were still on the engine jammed between tender and fire-box; the rolling-stock of No. 16 up goods was a good deal damaged, and about five goods wagons were derailed. The ten covered goods wagons of 14 down were on the line between engine and platform, and just opposite the platform were the wrecks of the first second class carriage, the first intermediate, and the first third class. The intermediate carriage had overridden and destroyed the second class, and the third class had overridden and destroyed the intermediate, its own condition being only some breakage in the front portion. The wounded had been all taken away. As we came up in the train, we met them at Ranaghat, and I put one of the doctors, Dr. Seamens, in charge of them, and took on another dector, viz. Dr. Corbett. The Deputy Magistrate had arrived previously, and was then taking depositions of the staff concerned. I saw some 11 passengers' dead bodies, and that of Morgan and one of his firemen. The uninjured portion of the 14 down had been run back to Bugools. The third class carriage, which was on top of the other two, was in a dangerous position, and was consequently pulled over on to the ground clear of siding, and fell on the top of wire of the distant signal. I was, therefore, unable to enquire if the distant signal was or was not in proper order. I endeavoured subsequently to find this out, and I found it worked stifly, by which I mean that it did not work readily, and had to be jerked at times to make it fly back to danger. After the Deputy Mugistrate had completed his enquiries, at which I listened, I have had enquiries made, and myself made other enquiries. As an officer of experience. I believe, the lateness of the 16 up was not a direct cause for the accident; the whole line-clear system is devised solely to enable you to cross trains at other than their booked crossings. Even if distant signal was in the driver's favour, had the driver done his duty, the accident would not have occurred, and still less if both signals had been against the driver, and he had done his duty properly. Taking the most favourable assumption for the driver, i.e., that distant signal did not show red, I find, first, that he did not approach the station with overy caution in accordance with paragraph 12 of Working order No. 80, dated 20th the did not approach the station with overy caution in accordance with paragraph 12 of Working order No. 80, dated 20th December 1880; second, that he did not pay attention to the main signal in accordance with clauses 228 and 236 of the General Rules; thirdly, that he did not keep a good look out in accordance with clause 227 of the General Rules; fourthly, that he passed the main or station signal when at danger in contravention of clauses 72 and 233 of the General Rules; fifthly, that he did not sound his engine whistle in accordance with clause 252 of the General Rules ;

sixthly, that he did not attend to paragraph 10 of subsidiary rules regarding the noticing of the brake side lights when passing a train in a siding; seventhly, that he passed the Aranghatta platform and proceeded on without a line-clear in contravention of clause 342 of the general rules and paragraph 12 of the subsidiary rules. I can attach no blame to the Aranghatta station-master beyond having, first, answered a redundancy in the line-clear from Bagoola, which was unnecessary, but which I believed most people in his position would have answered; and secondly, such blame as may attach to him on the evidence with regard to the position of the distant signal. With regard to the latter point I wish to state that the two distant signals are worked from the same point, and the native signaller gets into the habit of never lowering both distant signals at the same time. To lower both at the same time would be quite unusual, so much so that I believe had the station-master by mistake ordered him to do so, the signalman would have been certain to have brought it to his notice, and it is in evidence that the south distant signal was lowered. The disc signal could, in no way, interfere or obstruct the other lights. From evidence before me, I formed an idea that the rate was about 15 to 17 miles an hour; no fixed speed is prescribed for trains going through stations and picking up line-dear; the rules simply require every caution. I would here mention that the 10 mile an hour through facing points would not apply to the 14 down as the points did not face his train. The dead bodies were buried by order of the Deputy Magistrate at about 1 or 2 o'clock; they were then most offensive, and when I spoke to the Deputy Magistrate about it. I agreed with that officer that there was nothing else to be done. The Bagoola and Aranghatta station-masters would know about the same time about the leaving of the up

L. CONWAY GORDON, Major, R.E.

The deposition of Reverend W. C. Bell. taken on oath or soleran affirmation under the proxisions of Act X of 1873 before me, W. V. G. Tayler, Magistrate of Nuddea, this 30th day of October 1884.

My name is W. C. Bell. I reside at present at Dum-Dum where I am a Chaplain. I was a passenger on the down mail on the night of the 2nd October. I had come from Kochtea. I don't remember whether I was awake or asleep at Bagoola. I was alone in a first class carriage, but I was disturbed by the shock of the accident at Aranghutta. I looked out of the window, saw and asked the guard what had happened, then got out of the carriage and ran up with the guard along the platform to the wreck of the carriages. We found nobody on the platform. I was eventually taken back to Bagoola. I did not, while at Aranghatta, notice the signal lights. Of my own personal knowledge I know nothing of the eause of the accident. But when talking to the guard, I was told that the distant signal was white, and seeing that the driver had been misled, though the main was at danger, when the guard said this a man, whom I took to be one of the station staff said:—"Oh! the distant signal was out of order." The station-master also remarked at the same time that he had shown a red light, from which I drew the inference that he admitted that the distant signal was out of order. I did all I could to assist the wounded. In order to render assistance I went to the attation-room and found the door shut, and going round to a window I saw several (may have been five or six) men all looking very frightened inside. I spoke to them, and after that they came out, and I saw them afterwards showing lights. This was all done in some five or ten minutes. (The station staff being brought before witness says none of these men spoke of the distant signal being out of order.) Among the passengers I discovered an Assistant Surgeon, and with his help was able to afford help to the sufferers. The pilot-engine from Bagoola did not come till 5 a.m to take us back and bring men to render assistance. We left before the wounded were sent off.

WILLIAM CHARLES BELL.

The deposition of Baboo Prary Mohun Guha taken on oath or colomn affirmation under the provisions of Act X of 1873 before me, W. V. G. Tayler, Mayistrate of Nuddea, this 30th day of October 1884.

My name is Peary Mohun Guha, I am a pleader. I was a passenger in the 14 down train of the 1st October, which arrived at Aranghatta on the morning of the 2nd. I was in the first class. I got in at Goalundo. I was bound for Ranaghat by that time, I was asleep when the train was at Bagoola, and by the shock of the accident at Aranghatta awoke. I got out of the train immediately after the accident. My carriage was opposite the platform. I saw no lights on the platform. A few minutes after I met the guard. I saw none of the station staff at the time. Wanting a light to render assistance, I went to the station-house, and found the doors shut, and could get no response, though I knocked. This was some minutes after the accident; the door was shut from inside; about an hour after I saw the station people. I don't think they had lights; they may have been out before that, but I did not see them. One of them, who was standing at the door, said, now that the accident had happened, they should render assistance, and not be thinking of the consequences to themselves. I was shrought back to Bagoola. I also heard a discussion between, I think, Mr. Ewbank and other European and native gentlemen about the cause of the accident, some saying that the distant signal was

out of order; but this a gentleman contradicted on the ground that he had lately examined it. I saw some 10 or 11 dead bodies, and several wounded, and the state of the injured engines and carriages. I did not go round to see if any door on the other side was open. I did not know the station staff and say they were absent because all complained of their

PEARY MOHUN GUHA.

The deposition of PRINGLE DAVID BARCLAY taken on oath or solemn affirmation under the provisions of Act X of 1873 before me, W. V. G. TAYLER, Magistrate of Nuddea, the 30th day of October 1884.

My name is Pringle David Barelay. I am Traffic Superintendent, Eastern Bengal State Railway. I have been Traffic Superintendent since the Company made over the line to Government. No reductions have been made in the working stuff, but on the contrary it has been increased. I dont know whether native firemen have replaced Europeans. On the 2nd October, the station staff at Aranghatta were M. N. Ghose, station-master, J. N. Dey, booking clerk, R. L. Biswas, signaller in charge, B. L. Adhikaree, assistant signaller, P. C. Haldar, assistant signaller and other menial servents, names not known. The number of men is quite sufficient; no reductions have been made. The whole staff was there when I took charge. I came up with Major Gordon after the accident occurred. I have heard his evidence given to-day. His description of the state of the injured carriages and other matters is, as far as I remember, correct, except the position of the three damaged carriages. which had been taken back | little northwards. I did not see the dead bodies. the evidence of Major Gordon as regards the duties of the guards and station staff of the several stations under the circumstances, and I quite agree therewith. I am acquainted with the rules and orders alluded to by that officer, and they were correctly given. I concur in thinking that had the driver Cumming obeyed all orders, he could not have been where he was, but ought to have been north of the main signal; in fact nothing can excuse him passing the main signal with a running train, even though the distant were in his favour, if he had been carrying out runs, he ought to have been quite able to pull up before passing the main. I know of no practice that would render it impossible to pull up a train before reaching the main, even though the distant signal was in his favour. From personal experience, at a speed of 20 miles an hour, a line-clear is sometimes picked up. The line at Aranghatta is very straight, and the main signal is clearly visible from a mile and a half off. I take the same view that Major Gordon has done with regard to the conduct of the station staff. I saw the station staff paraded just now; all three men present that time were brought in. No application made for increased staff has been refused. I beg to produce a circular order issued to all station-masters on 27th August 1884, regard-

ing the reprint of line-clear enquiry and line-clear message form (Exhibit M.)

Recalled—Says I produce two copies of line-clear messages 27th and 30th September, and the two original guard's reports of the No. 14 down mail for the train of 2nd, 12th, 21st, 23rd, 25th, 26th and 29th September.

P. D. BARGLAY.

The devosition of Alan Wood Rendall taken or oath on solemn affirmation under the provisions of Act X of 1873 before me, W. V. G. Tayler, Magistrate of Nuddea, this 30th day of of October 1884.

My name is Alan Wood Rendall. I am Locomotive Superintendent of the Eastern Bengal State Railway. I took charge on the 1st July 1884. I kept on the old staff of drivers and State Railway. I took charge on the 1st July 1884. I kept on the old stait of drivers and firsmen. I have reduced none of this staff, except for misconduct, nor substituted native for European firemen. There was an increase of two European firemen in October compared with the staff in July. When Europeans were discharged for misconduct, new Europeans have been appointed. The system in vogue under the Company was what is termed first in, first out. I do not approve of it. The system was in vogue up to October. I did not change, as the doing so would create discontent, as it would have made a difference as to the overtime earned by the men under the old rules. I heard the evidence given by Major Gordon. I heard what he said as to what both Cumming and Morgan should have done. I quite agree with Major Gordon thereon. At 3-47 A.M. I got information of the accident; the guard telegraphed to me from Aranghatta. I took the engine of No. 1 up, and arrived at Aranghatta at 5 to 5 A.M. I was the first superior official on the spot. On my arrival, I found the state of the carriages a little different to that described; the third class that mounted upon the other two was intact, but a third class which followed those carriages mounted upon the other two was intact, but a third class which followed those carriages had its front knocked in, and the two wagons in front of the three carriages were demiled; otherwise the state of things, as stated by Major Gordon, was similar to what I saw. The reversing lever of the down mail was in back gear, but the reversing arm on the way bar shaft was broken off, so that the engine had fallen into fore gear; but whether this happened before or after I cannot say. The steam was full on, and the regulator jammed. The first duty of a driver is to shut off steam, but steam was put on full, as far as I can judge, after reversing. Walter Cumming was alive, but was unable

to speak. I saw the wounded there. I went to engine of 16 up. I would like to mention here that I found Cumming's leg had been cut off by the sector plate of the reversing lever. The leg I found jammed there. This would show that he actually was at his reversing lever when the collision occurred. Also from the position of the die block on the brake-screw, I should say that the brake was hard on, and the second fireman was lying on the brake side of engine on the grass. I did not observe the handle of the whistle. The shock of the accident would shut it, if it had been open. On the 16 up, the reversing lever was in back year, and the regulator slightly open. The driver was jammed on the fire-box and was quite dead; he must have been scalded to death, if not killed otherwise. One fireman was dead. I at once sent all injured passengers to Bagoola, and then the Assistant Surgeon, who was brought up by me, attended to the injured, whom I despatched to Calcutta. I remained at Aranghatta till 8 r m., and I reckoned that some II persons had been killed. They were laid out on the platform chiefly, some on the opposite side. I was there when the Deputy Magistrate arrived. The condition stated by Major Gordon as to the state of the deceased just before burial was quite correct. If the driver had come as far as the distant signal expecting to run through at 20 miles an hour, I don't think he could have pulled up before reaching the main signal, but his train ought to have been going at much less speed than it was when the collision occurred. The usual distance for shutting off steam for these trains is about half a mile outside distant signal. Walter Cumming was a Europoun, also James Morgan. On the whole I take the same view of the conduct of the station staff as Major Gordon. It would have been an additional safeguard had the disc light shown for the siding and not for the main. The engines have all the ordinary brakes; it would be a great safeguard to have steam brakes; we are now about to introduce them, as engines for State lines are so provided. One engine on this line has steam brake, and one with a hand brake in addition to the tender brake. The disc light always shows for the main, except when the points are put for the siding. The driver can reverse his lever in a few seconds. There was a medical man there, besides the man I brought. I thought he was a passenger. The Deputy Mugistrate wanted to bring out some of the injured in order to identify the dead, but they were too bad to come out for such a purpose, and attempts were made to get persons to assist in burying the dead, but no one could be got to assist.

Recalled.—I did not find the remains of the missing man Gopal. I believe that he was not one of the killed, but I faucy he must have absconded.

ALAN WOOD RENDALL.

The deposition of William Innes taken on oath or solemn affirmation under the provisions of Act X of 1873 before me, W. V. G. Tayler, Mayistrate of Nucldea, this 30th day of October 1884.

My name is William Innes. I am Deputy Traffic Superintendent, Eastern Bengal State Railway. I have been Deputy Traffic Superintendent since Government took over the Railway. I was before Traffic Superintendent of the Eastern Bengal Railway Company. The 14 down starts from Goalundo at the same time now as it did at time of the Company, and the 16 up at the same time from Sealdah. Bagoola was, as far as I can recollect, the crossing station then, as now. The 14 down used at the time of the Company to run with one brake. In the time of the Company it frequently happened that these trains crossed at stations further down, and not at Bagoola, where they are booked to cross. We had no spare brakes in the time of the Company. We do not consider it necessary to run all our passenger trains with two brakes. In the time of the Company it was a mixed train as it is now. This train in the Company's time never had a cord, wagons having no spirals. There has been no reduction in the Traffic Department, nor, as far as I am aware, in the Locomotive.

WILLIAM INNES.

The deposition of William George Bolton, taken, on oath or solemn affirmation under the provisions of Act X of 1873 before me, W. V. G. Tayler, Magistrate of Nuddea, on this the 30th day of October 1884.

My name is William George Bolton. I was station master of Bagoola in October, having been there 15 months. During that time Bagoola was the crossing station of the 16 up 14 times. It was not unusual for the trains to cross further down. H. D. Bannerjee was in charge of the station, but I have to come out to see that all is right. My assistant started the train. I was called from my bed after 3 a.m., and told of the accident. I at once sent for the permanent-way inspector, and I also sent the engine of No. 15, which was here about 4, with all the men that I could collect. I merely went to the telegraph office and learnt that 16 up was at Chogda, and I told this to the guard, but to the driver I only exchanged "good night." It was about a little before 2 that I enquired for the 16 up; neither I nor the guard could have thought that it was at Aranghatta. (Looks at train notice book, and points out Walter Cumming's signature, and says that the words 14 down above his signature is in his handwriting).

WILLIAM GRORGE BOLTON.

The deposition of Jonathan Rust taken on with or solemn affirmation, under the provisions of Act X of 1873, before me, W.V. G. Tayler, Magistrate of Nudden, this 30th day of October 1884.

My name is Jonathan Rist. I am a driver. I have been a driver in England and in this country since 1854. I am now a driver from Hogoola. I started first train in 1863, and have been in employ ever since. The witness was asked to look at message marked C, and said with such a message I should have stopped outside the distant signal, if that signal was against me; but if it was white and the main at danger, I should have drawn up within the distant signal. It depends on weight of train and number of vehicle, and other circumstances, when steam should be shut off. Grease on rails and position of wind have all to be considered. I know the line at Arunghatta. It is very straight The main signal there is easily visible from a distance sufficient to draw up any ordinary train. With such a message I should certainly be going with caution, in order to stop at Arunghatta. If a guard applies his brake hard, the driver can always feel it. I consider I am bound by signal, whatever the telegraph is. A train picks up a line clear at a speed of 16 to 15 miles.

JONATHAN RIEF.

The deposition of John Perrson taken on oath or solemn afternation, under the provisions of Act X of 1873, before me, W. V. G. Tarler, Magistrate of Nuddea, this 30th day of October 1884.

My name is John Pearson. I am a driver. I have been a driver 15 years and 2. I see this message, exhibit C. With such a message I would keep the train under control till I got to Aranghatta, and even if seeing the distant signal white, I should continue to keep the train under control till I saw the main signal in my favour; and if that signal was red. I would draw up outside it. I know the Aranghatta line. Main signal can be seen from a long distance, sufficiently far off to draw up a train, even at a good speed. When shutting off steam, one has to consider weight of train, wind, &c. With a line clear only to next station, I should enter the station very cautiously. Our rules are all laid down.

JOHN PEARSON.

The deposition of Thomas Edwin Collins taken on oath or solemn affirmation, under the provisions of Act X of 1873, before me, W. V. G. Taylen, Magistrate of Nudden, this 30th day of October 1884.

My name is Thomas Edwin Collins. I am a driver. I have been a driver 15 years. With this message C, I should expect that No. 16 up goods was up and already in siding; and though the distant signal was in my favour, I would look out for the main, and if I saw it against me, I should pull up outside of it, or at the platform. It is a rule that my train must be quite under control, unless I am quite satisfied that I am to run through. I do not, as a rule, whistle if the signals are in my favour. If such a message and the distant signal were in my favour, though I might think I might otherwise have run through, and if the line clear was not ready for me, or for other reasons I had to stop, when coming inside a station I would always have my train under control: by this I mean from 10 to 12 miles an hour. I know the Arunghatta line and its peculiar siding. If a train were standing at it, the head light would always be visible: a wagon might be in the way, or it might be taken down for trimming.

THOMAS EDWIN COLLINS.

The deposition of Hurredas Banersee, aged about 21 years, taken on oath or solemn affirmation, under the provisions of Act X of 1873, before me, W. V. G. Taner, Magistrate of Nuddea, this 30th day of October 1884.

My name is Hurreedas Banerjee. My father's name is Khetore Mohun Banerjee. My home is at mouzah Debanundapore, zillah Hooghly. I reside at present in mouzah Bagoola. I am assistant station-master. I was assistant station-master on the 2nd October, and I was in charge. I despatched this telegram B. It would have been sufficient to say is line clear; but to make doubly sure I put the message in this way. I got in reply message C., but from my in and out-reports I knew that the train was not at Arunghatta. I understand "detained here" to mean would be detained, and that the line was clear between Bagoola and Arunghatta. I believe the 14 down came in at due time. I started the train at 2-10a. M. Cumming was driver and Lander the guard. I saw the latter. I gave him the line-clear message. I sent message D. I heard of the accident at Arunghatta by telegram at a quarter past 3. I was waiting for 16 up goods. I called up station-master.

HURREEDAS BANERSER.

The deposition of John Lander, taken on oath or solemn affirmation under the provisions of Act X of 1873, before me, W. V. G. Taylen, Magistrate of Nuddea, this 30th day of Ootober 1884.

My name is John Lander. I am a guard. I was in charge of No 14 down on the 2nd October. We arrived at Bagoola in due time, and started at 2-10 AM. I have been guard 13 years. I cannot say whether I got the message from station or assistant station-master and gave it to the driver, whom I saw and spoke to. He was perfectly sober, and so was I. when I first sighted the distant signal it was about five minutes before the accident. That signal was white I could see the main at the same time was at danger. I was a mile from distant signal when I first sighted it. The line is very straight there. By the time I had got my brake on, we were half a mile from distant signal. My brake brought up the train a little, but beyond this there was no lessening of speed. Had driver attempted to stop his train when I put on the brake, we could have done so before reaching the platform, assuming the engine was in proper working order. There was no reason to believe that it was not in good order. When we collided, I should say with my brake on, we must have been going at about 15 miles an hour. I did not notice the disc signal. Whatever light that signal showed, I would have not on brake or seeing main at danger. As soon as we collided. I immed out I would have put on brake on seeing main at danger. As soon as we collided, I jumped out on platform, and I saw station-master with a red signal lump and several others. Some passengers were out before I was. The station-master was on the platform, but too frightened to be of any use. I cannot say whether others of the station staff were about. The accident happened, I think, at 2-30: then looking at his journal says it took place at 2-30 a.m. I looked at my watch to fix the time. As guard I should take the time when driver signalled after receiving line-clear which he picked at passing. No such signal was given. We had a line-clear to Arunghatta only, and could not go beyond without a fresh line clear. The guard of the up train and I did all we could for the sufferers. When I got the message C., I expected we should have to stop at Arunghatta, and seeing the main at danger. I know we had to stop. Besides Cumming Morgan, and their firemen, and Mrs. Cann's danger, I knew we had to stop. Besides Cumming, Morgan, and their firemen, and Mrs. Cann's baby, I knew none of the deceased. I sent this telegram, exhibit N. I saw Comming after I sent the message. He was alive, but in a senseless state He said something about distant signal being white. I counted the dead and found 11 passengers had been killed. I did not count the number of the wounded. Dee and I did all we could. I came to Bagoola with uninjured passengers, and returned to Arunghatta in about an hour. I was tending Cumming when he spoke about the distant signal. We had hardly finished extricating the people when Mr. Rendall arrived.

JOHN LANDER.

The deposition of Maurice Henry Dee taken on onth or solemn affirmation, under the provisions of Act X of 1873, before me, W. V. G. Tayler, Magistrate of Nuddea, this 30th day of October 1884.

My name is Maurice Henry Dee. I am a guard. I was guard of the 16 up goods on the morning of the 2nd October. James Morgan was the driver. My train started late from Calcutta by 19 minutes. We were waiting for engine. I don't exactly know cause. We passed through Ranaghat between 2-10 and 2-11. We approached Armghatta at very slow speed. The distant signal was lowered for us to enter, but the main was kept at danger, as is the custom when the train is going into a siding. I left the brake immediately after accident, and could not find or get an answer from the drivers or firemen of either train. Then I went to assist the sufferers. Lander and I did all in our power to help the wounded. Some time after I mounted the tender of my train, and found the bodies of the driver and firemen. I also saw Cumming afterwards. I did not count the dead. I remained at Arunghatta all that day. I did notice the north signals. James Morgan did all he could do, and was in no way to blame for the accident. I have been a guard about five years and three months. I cannot say that I felt that the driver had reversed his engine. I did not at first notice the station, but afterwards, when assisting the wounded, I saw station-master and booking clerk.

MAURICE HERRY DER.

The deposition of Unnadinati Modregree, aged about 38 years, taken on oath or solemn affirmation, under the provisions of Act X of 1873, before me, W. V. G. Taylen, Magistrate of Nuddea, this 30th day of October 1884.

My name is Unnadinath Mookerjee. My father's name is Shams Charan Mookerjee. My home is at mouzah Goculgachee, zillah Hooghly. I reside at present in Calcutta, where I am an Assistant Engineer. I am employed as an Assistant Engineer on the Eastern Bengal State Railway. I have been in the Railway service for the last 12 years. I prepared this map, exhibit A. it is drawn to scale and is correct.

UNNADINATH MODERNIER.

The deposition of Mohennia Nath Ghose, aged about 26 years, taken on oath or solemn affirmation, under the provisions of Act X of 1878, before me, W. V. G. Tayler, Magistrate of Nuddea, this 30th day of October 1884.

My name is Mohendro Nath Ghose. My father's name is Rum Lall Ghose. I am by ouste kaiet. My home is at mouzah Doncheer, perguanah Chordah, zillah Nuddea. I reside at present in mousah Arunghatta, where I am a station-master. I am employed by the Eastern Bengal State Railway. I was station-master of Arunghatta on the 2nd October 1884. I was three years assistant Station-master at Bagoola and for 18 months at Aranghatta. I was at Arunghatta on the morning of the 2nd October 1884. I first got intimation of the down train by telegram from Bagoola in words of message, exhibit B. I got that message at 1-58 A.M. On receipt thereof I sent message C. Then I sent a reply on receipt (looks at message C, and says I received message B before 1-44, at which time I sent a reply). It has happened before many times that these two trains crossed at Arunghatta. When I sent C, the 16 up had not arrived. By words "detained here," I meant will be detained. All m signals were at danger. It is the normal state for all four signals to be at danger, and I myself saw that they were placed at danger. About the time that I sent C, I received message from Ranaghat enquiring for line-clear for 16 up, exhibit E, and I sent message F. After this I got one message from Bagoola and one from Ranaghat, exhibits D and E. From the out-reports I knew that the 16 up had left Ranaghat at 2-8 A.M., and the 14 down at 2-10 A.M. In consequence of this I was on the alert. I allowed the up train into station limits first. Had the 14 down arrived first at distant signal, I should have kept the down train outside distant signal. Had the 16 up broken down on road, I would still have kept the 14 down standing. About 2-25 A.M. I was first aware of the up train's arrival. I waited for the whistle, and then ordered the distant signal to be lowered, but no orders were given to lower the other three signals. No one has power to lower any signals without my orders. Had any one done so, I should have seen i. When distant signal is at danger, a green light is seen from the station, hence we can tell the state of that signal. When lowering the south distant signal, I specially looked and satisfied myself that all the other signals were at danger, and did not take it for granted that they were so. After the distant signal was lowered, and previous to accideut, I gave no orders to any one to lower any of the other signals, and all were at danger. I saw the up-train coming up slowly, and then I noticed it was coming on regardless, as if it had a line-clear right through. At that time on the platform with me were Madhob, policeman, and Hurreof, ferash. We all three had red lights in our hands, and we rau forward northwards with our lights, which we raised, shouting at the same time. At our shouts the telegraph Baboos came out and joined us in shouting, but in a moment the collision occurred. mail train never once whistled, neither grave nor ordinary. I could not see the position of the driver and firemen as they passed me. The mail train ought to have come in slowly after being signalled in, taken the line-clear and gone on to Ranaghat. A fireman or driver, standing on the outside edge of the engine, takes the message. Ivolus was in the Little, I looked to see what I was naturally confused and frightened. On recovering myself a little, I looked to see what I was naturally confused and frightened. On recovering myself a little, I looked to see what on the outside edge of the engine, takes the message. No one was in such a position that night had docurred to passengers, and went to send telegrams of the accident. There were but few of us stution staff on the platform. Some of the passengers ran into the room in the station. I saw Mr. Bell on the platform, as I was going to send my telegram. In the office I found passengers creating much noise. I told them to go out and sent tolegram, and after that I did what I could for the sufferers. On the night in question the staff for the station were three telegraph Baboos, station-master, booking clerk, one pointsman, two signalmen, two porters and one terash—eleven in all were employed. Those not on duty were in their basah, some 25 cubits from the station, within station compound—I, the ferash, one signaller, pointsman, and two telegraph Baboos—six in all. Beharoe Lall Adhikaree and another, name not known, were the telegraph Baboos. Niamut Sheikh was the signalman, and Sahab Ali was the pointsman. The telegraph staff consists of three Baboos: those present were then on duty, one having just relieved the one absent. At the time of the accident I did not see any one not on duty present, but a few minutes after they came. We all did what we could for the sufferers. I was at the station all that day and removed the looked carriages. I saw the dead bodies, but did not count them. All the dead bodies were collected together. I did not observe any pieces of a dead body so small as to indicate that any missing dead body was not likely to be discovered. Mr. Rendell was the first superior official to arrive and take charge.

MOHENDRA NATH GHOSE.

The deposition of Baharre Lall Admikarre taken on oath or solemn affirmation, under the provisions of Act X of 1873, before me, W. V. Taylen, Magistrate of Nuddea, this 30th day of October 1884.

My name is Baharee Lall Adhikaree. My father's name is Modoo Soodan Adhikaree. I am by caste Boistub. My home is at mouzah Sooksagur, zillah Nuddea. I reside at present in mouzah Arunghatta, where I am a signaller. I see telegrams B. C. D. E. F. G. These were received and sent from the Arunghatta telegraph office on the 2nd October. When C was sent us the train had not arrived. The station-master gave us the message and we sent it rerbatim. I understood it to mean that the train would be detained. We often send such messages, and with no had results. When the accident occurred, I was at the door of my office, attracted by

the noise of the station-master, who was also showing red lights. I joined in shouting. I afterwards sent telegram of the accident. I sent this, exhibit N. I saw the main signal at danger and the north distant showing a green light.

Baharer Lall Addicables.

The deposition of Sheik Niamut, aged about 40 years, taken on oath or solemn affirmation, under the provisions of Act X of 1873, before me, W. V. G. Tayler, Magistrate of Nuddea, this 30th day of October 1884.

My name is Sheik Niamut. My father's name is Sheikh Imam Baksh. I am by caste Musealman. My home is at mouzah Kanholee, zillah Patus. I am signalman at Arunghatta. I have been 5 years at Arunghatta. My duty is to work the signals. I was on duty on the night of the accident. I cannot alter any signal without orders, nor, as a fact, do I ever do so, nor have I done so without orders. On the night of the accident, before the approach of the train, all signals were at danger. On the Ranaghat train's whistling, I was ordered to lower the south distant signal, and I did so. I got no orders before or after that to lower the north distant, and did not do so. In order to lower signal, I have to use some force. On the distant signal being lowered, the points were opened. The main signals remained at danger. I did not do anything to try and stop the down train. The station-house is directly opposite the main signal. The station-master and policeman and a ferash with lamps were on the station: they shouted and showed red lights. The north distant signal was in good order, and I distinctly saw the green light. I did not notice the position of the driver and firemen as the train passed. The points were opened to admit of the up train into the siding.

SHRIK NIAMUT.

The deposition of Saheb Ali Khan. aged about 35 years, taken on oath or solemn affirmation, under the provisions of Act X of 1873, before me, W. V. G. Tayler, Magintrate of Nuddea, this 30th day of October 1834.

Mr name is Saheb Ali Khan. My father's name is Furabad Khan. My home is at mousah Manee, zillah Jounpore. I reside at present in mousah Arunghatta where I am a pointeman. On the night of the accident I was on duty. I have been pointsman for two months at Arunghatta. I have been elsewhere doing this duty for ten years. I was at my points when the accident occurred. I had opened the points to let the Ranaghat train into the siding. When the mail came in, however, by order of the station-master, I re-shut the points, and the mail went over them without breaking the points. I am certain that I re-shut the points at the order of the station-master. The lights of the points were showing green on both sides. I saw a green light in the north distant signal. The station-master on seeing the mail ordered me to reshut points, and then ran forward, northwards, shouting and showing his hand danger lights. I was naturally frightened when I saw the mail coming on regardless of signals. To open and reshut points the handle must be worked: it wou't fly back of itself.

SAHBB ALI KHAN.

The deposition of Hunnersh Sheikh, aged about 25 years, taken on oath or solemn affirmation, under the provisions of Act X of 1873, before me, W. V. G. TAYLER, Magistrate of Nuddea, this 30th day of October 1884.

My name is Hurreesh Sheikh. My father's name is Roop Chund Mondal. I am by coste Mussalman. My home is at mouzah Arunghatta. I am a ferash of Arunghatta station, and have been so for a year. There are three signal lights and one disc light. I hoist the lamps on the staff. I remember the night of the accident. I hoisted the lights on that evening as usual, and they were burning all right when the accident happened. I had a red light in my hand and was on the platform. I saw the north distant signal was showing green towards the station. I hoisted the light up to the full at the north distant signal and found all was right. The station-master and policeman were on the platform, also with red lights: we all three shouted and showed our lights. As the train passed I did not notice the position of the driver or firemen, or if any one was standing to take the line-clear. Had any one been so standing, I must have seen him.

HURRERSH SHEIKH.

The deposition of Mauhoo Mullah, aged about 26 years, taken on oath or solemn affirmation, under the provisions of Act X of 1873, before mc, W. V. G. Tayler, Mayistrate of Nuddea, this 30th day of October 1884.

My name is Madhoo Mullak. My father's name is Kujajat. I am by caste a Hindoo. My home is at mouzah Kuttra, sillah Roy Bareilly. I am a policeman of Arunghatta. I have been employed for six months, and was on duty on the night of the railway accident. I was at that time on the platform. I had rung the bell for both trains, and was standing there. I noticed the north distant signal, which showed green. I had a red light in my hand, and showed it to stop the mail, going northward, by orders of the station-master. I was

examined by the Deputy Magistrate. I did not say before him that I had not seen the distant signal. The pointsman was at the points, which had been opened. This I saw by the green lights being north and south, and white towards the platform. I had gone northward, and cannot say whether the points were open when the train passed over them.

MADROO MULLAH.

The deposition of William John Patterson taken on oath or solemn affirmation, under the provisions of Act X of 1873, before me, W. V. G. Tavler, Magistrate of Nuddea, this 30th day of October 1884.

My name is William John Patterson I am Permanent-way Inspector of the Eastern Bengal Railway Company now taken by Government. I have been as such since June 1877.

I am stationed at Bagoola, where I have been four years. My duties with regard to signals and signal lamps are to inspect from time to time, and see that they are in repair, and to repair them. Arunghatta is within my jurisdiction. I remember the night of 2nd October. I examined the signals of Arunghatta on 22nd 'eptember and found them in good condition and thorough working order; before that I examined them on the 18th September. I went on the 18th in consequence of an extract of a driver's report which was sent me with orders to examine the signals. Points out extract of 12th September—"Down distant signal, Arunghatta, must be out of order; shows white light whon at danger." I went to examine the post, and climbed it myself and examined it thoroughly, all spectacles, fastenings of delivery rods, and other fastenings, and balance levers, and found it all right and in good order. I examined the up distant signal also and ordered it to be repaired on the 12th September. On the 22nd September I also found the signal in good order. I account for the extract by saying that either the ferash had not thoroughly pulled up the light or contraction of wires at night; the cold would affect it then. There are compensating arrangements to countered that. After my visit no further complaints were made. Had they been made, I should have been certain to hear of them. I heard of this accident at 3-19 a.m. from the station-muster of Arunghatta. I collected all the men I could, and I arrived about 4 a.m., at Arunghatta. I remained there till 8-40 r.m. on the 2nd. It was not a foggy night. The distant signal showed white at a distance of two miles off, and on nearing red. Climpson drove the engine that took me down. About quarter of a mile from the distant signal showed white at a distance of two miles off, and on nearing red. Climpson drove the engine the signal agai

The 31st October 1884.

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The deposition of Baboo Ram Charan Bose taken on oath or sole an affirmation, under the provisions of Act X of 1873, before me, W. V. G. Tayler, Magistrate of Nuddon, this 30th day of October 1884.

My name is Ram Charan Bose. I am a Deputy Magistrate. I am in charge of the sub-division of Ranaghat, and was there on the 2nd October. I have been in charge for four years and one mouth, with the exception of short leave once. I got information at 4-30 a.m. of the accident, whereon I sent a chuprasie to the station master to arrange for a trolly or other means of conveying me to the scene of the accident, and sent for the sub-deputy, inspector, native doctor, and the head constable with orders to hurry on to the station with constables. I then went off to the station, arriving at about two or three minutes to 5 a.m. I went on foot. Those I sent for errived about the same time. I remained at the station till about 6-80 a.m., when an engine with brake-van took us to Arunghatta. Frankissen Dass, sub-deputy, Rashbeharee Biswas, inspector of police, Radhikar Prosad Banerjee, hospital assistant, Bomkesh Adhikaree, head constable at station, and 'some four or five constables and one chuprasic of mine went with me to the view. I found Mr Rendall there moving the wounded to the brake-van. We arrived at Arunghatta about 7 a.m., and after arrival I gave personal assistance to remove the wounded to the brake-van, and placed the hospital assistant under the Railway Doctor to give whatever medical assistance he could give and he was asked to give. I ordered the head constable with his constables to watch over the dead bodies and properties of passengers which were lying about exposed there. About eight bodies were then on the platform, which the constables had to look after. I found two dead bodies lying by the vehicles, and afterwards I found the bodies of Morgan and the firemen jammed together. After a good soarch

ten were on the spot, the two on the engine, and in the brake-van Mrs. Cann's baby. I made a special search for dead bodies in case there might be others. I did not that day see anything to lead me to think that any bodies had been so cut to pieces as not to be found or identified. Water was much needed for some sufferers, and I did the best I could to procure this I then went to the brake-van, where the wounded were. I found three females who, I thought, had not been so severely wounded, viz., Mohamoye, Bishumoye, and Romah Bewa: these women informed me that others travelling with them were dead. I asked them to go with me and identify their relatives, but they were in too much pain, and notwithstanding my endeavours to help them, they could not move without serious pain, and so I was forced to leave them; but from what I learnt from them I was suabled to identify all but two persons. Those two were I w caste Mahomedans. I then supervised the holding of the inquest by the inspector, and I took evidence as to the cause of the accident, and the sub-deputy and inspector also made an inventory of all property. I endeavoured in vain to take the evidence of driver cumming. I was there till 2-30 a.m. I examined several persons, and wrote an intimation report and sent a telegram to the Magistrate of the district. On the 3rd I submitted from Arunghatta a second report. I went on that date to meet the District Magistrate and Superintendent of Police. That day a Marwaree came to enquire if his brother was one of the dead; he said his brother was 23, travelling from Assam. I told him there was one up-countryman found dead, who was over 45 or 46 years of age, and I further told him that there were certain properties left by that deceased, which he could come and see if belonging to his brother. I offered to exhume the bedies if he wished it. I took him afterwards to Bayardat to show him the preparity but on arrival there he had discontinuously there he had discontinuously the best of the body him the preparity but on arrival there he had discontinuously the best discontinuously there he had discontinuously the same had discontinuously the best discontinuously there he had discontinuously the best discontinuously the head discontinuously the same had discontinuously the best discontinuously the head discontinuously the same had discontinuously the same h afterwards to Runaghat to show him the property, but on arrival there he had disappeared, and though I made enquiries for him, even in Calcutta, could not find him. On that day, the Magistrate showed me a hone and some clothes. I am a Hindoo, caste Kaist. I first tried to get moochees or low easte people in order to help me in collecting the bodies, and either to make them over to relations and friends should any such come forward. From three villages all moochees had apparently disappeared. I then asked soveral spectators of various castes, whose assistance I asked for, but all refused: the bodies therefore remained there till up to I P.M., and I thought it best to bury them, and so have them ready to exhume if necessary. According to the Shastras as for as my knowledge gues. I know that gramatical of necessary. According to the Shastras, as far as my knowledge goes, I know that cremation of men dying by accident or unnatural causes is interdicted, and the custom is to throw the bodies into the river. This custom, of course, I could not follow out; to cremate the bodies also men of the same caste is necessary. I could and did find out the castes of the dead.

There were Kaist, Boishnab, Marwaree, whether Boishnab or not I cannot say, and Mohamedans. I could not have got them cremated had I wished to do so. Besides the application of the one man mentioned, no one applied to have bodies exhumed. Some fourteen days after the accident, a man named Kedar Thakoor came to me at Santipore, and said he was Roomali's husband. I asked him to come and take the body of Naluk Thakoor, who had been travelling with Romali, but he positively declined to do so. On my arrival, Mr. Rendal and other officials were there, and subsequently Major Gordon and others came. I saw that every one did all that was possible under the circumstances. More could not have been done. A descriptive roll of the dead bodies was taken. Fodies of the Boishnab should be buried and not cremated, they having no caste. Mr Patterson assisted in the burial. On the 14th October I sent in my final report.

> RAM CHARAN BOSR, Deputy Magistrate.

STATE OF THE SALT MARKET FOR THE SECOND QUARTER OF 1884-35.

No. 753B, deted Calcutta, the 17th November 1884.

From—C. E. Buckland, Esq., Offg. Secretary to the Board of Revenue, L. P.,
To—The Secretary to the Government of Bengal, Revenue Department.

I AM directed to submit the following report on the state of the salt market for the second quarter of 1884-85, comprising the months of July, August, and September 1884.

2. The quantity of salt of every description cleared during the quarter under report amounted to 26,41,346 maunds 13 seers 11 chittacks, against 24,78,324 maunds 18 seers 7 chittacks in the previous quarter, and 28,29,977 maunds 30 seers 3 chittacks in the corresponding quarter of the previous year; and the net amount of duty levied thereon was Rs. 50,17,357, against Rs. 47,90,905-8 in the previous quarter, and Rs. 52,25,981-8 in the corresponding quarter of the previous year.

3. The quantity of excise salt sold in the districts of Cuttack, Pooree, Balasore, and 24-Pergunnahs during the quarter under review from the stock of the different seasons' manufacture, and the quantity which remained in store at the close of the quarter, are shewn in Table I:—

TABLE I.

		Crytace				Poores.					BALABORS.			24-Pergundan	NEFES.
		Namblecture of-	1 %			Manufacture of-	-			Ä	Manufacture of-	1		Manufacture &-	— 30 4.10
	1891-169.	1882-83,	1855-64.	1679-88.	\$850-81.	.881.48.	1882-41.	1885-84	\$879.86.	16:0-31.	1881.83	1962-82.	1683-84	1880-81.	1661-62,
	MD8. 5. C.	M D3. S. C.	MD8. 8. C.	M ba. B. C.	MOR. S. C.	MD8, 8, C.	Mps. f. c.	MB3. B. C.	Mpk. ft. c.	MD9, a. O.	Mps. s. c.	Mps. s. c.	Mne. s. c	MD6. T. G.	Mas. s. c.
Habane of close of the last quar-	2,204 55 0	13,882 37 0	46,429 5 0	2,045 20 0	2,870 B &	36,119 85	0 1,fT,621 20 6 2,50,598 20	7,50,598 20 ft	0 21 5117	0.219 17 0	7,100 to 154		9,415 8 2 1,44,046 0 0	1,913 0 0	16,888 0 0
Envisement or added during the general.	and	P12+++-	8,147 0 0	***	die eye	Tan and		63,573,30 0	1000				0 05 251	A different	*
Total .	9.904 55 D	12,999 37 6	51,876 a 0	0 02 310.1	7 9 02848	88,919 31 4	1,67,631 \$0 0	2,53,840 10 0	0 21 2111	0,219 17 0	7.186 15 15}	9,415 8 2	0 06 906 14	1,913 0 0	0 0 066'91
Dies during the quarter	0 0 000	10,358 90 0 Mo 53 9	4,700 0 0 2,337 38 0	2.046.20	1,365 0 0	B.455 0 0	127.78 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8,309 0 4	1 8 6	\$ 18 x9 4	pr 38 10	3,323 n 0	25,895 0 0	1,124 0 0	1,000 0 0
Total	1,481 55 0	11,140 23 0	B, 657 38 0	2.046 20 0	1,352 4 0	8,465 0 0	46,151 5 0	8,909 0 9	1 8 8	115 39 4	807 35 10k	3,612 19 4	₹6,895 0 €	1,184 0 0	1,000 4 6
Balance at close of the quarter	0 0 \$87	1,738 14 0	13,539 13 0	***************************************	1,518 6 0	17,794 32 0	1,19,470 15.0	1,19,470 15 0 1,33,151 10 0 1,111 3 10	1,111 \$ 10	5,700 17 13	6,285 20 5	5,602 35 14	1,18,674 30 6	789	14,726 0 0

4. The above statement shows that the total sale of excise salt during the quarter under review amounted to 1,13,656 maunds 30 seers, against 1,40,266 maunds 14 seers in the previous quarter and 92,102 maunds 5 seers in the corresponding quarter of the previous year.

in the corresponding quarter of the previous year.

5. The subjoined Table II shews in comparison the importations into the port of Calcutta and the total clearances of sea-imported salt during the quarter under review and the corresponding quarters of the previous two years:—

TABLE II.

										AND DESCRIPTION OF THE PARTY.
-					1889	-89.	1683-	84,	1894-	
				1	Becond o	quartor.	Second (publici.	Gecond.	
					Imported.	Cleared.	Imported,	Oleared.	Imported.	Cleared.
					Mds.	Mds,	Mds.	M da.	Mds.	Mds.
Liverpool	>+=	p-mit	-		15,18,017	20,82,979	17,72,081	20,77,279	25,07,100	19,02,909
Foreign	141	**1	141	400	2,47,350	5,29,380	7,00,718	3,78,874	8,44,797	3,77,096
Indian	144		116	910	9,47,040	1,88,477	8,11,299	1,84,695	1,79,245	1,99,196
		7	Potat		20,11,347	25,20,845	27,84,048	26,55,845	20,21,149	24,05,054

6. The following are the details of the Indian kurkutch salt shewn in the above table:—

TABLE III.

					1882	.83.	188\$	-84.	1884	-86,
		•			Second		Bucond	quarter.	Becomd (unrter.
					Imported.	Cleared,	Imported,	Cloured.	Imported.	Cloured.
				Ī	Mds.	Mds.	Mds.	M de,	Mds.	Mds.
lombay		-44		444	8,47,940	1,88,477	8,11,190	1,84,693	1,45,245	3,14,088
inthoneim	444	***	-	444		44444			84,000	7,190
		7	lotal		2,47,940	1,68,477	8,11,299	1.84.698	1,79,545	1,19,128

7. Table IV shews the quantity of sea-imported salt remaining in the warehouses at the close of the quarter, as compared with the results of the previous four quarters:—

TABLE IV.

Weire stoked.			Second quarter of 1894-64.	Third quarter of 1863-34.	Fourth quarter of 1835-84.	diret quarter of 1881-85.	Become guarter of 1884-86.
inkes Government gulabs Dhisagong disto ditto Narsangungo privato ditto	pand angs	444	7.0 .100	M ds. 11,00,081 1,91,403 29,747	ld da. 12,68,377 3,60,666 29,767	7,68,603 1,62,408 10,507	Mcla. 9,62,416 68,295
	Total	4 14	7,23,433	13,19,180	14,48,210	6,77,6	10,40,702

8. The despatches of salt from Galcutta by water and the three railways passing the several salt pass stations into the interior of the country, both east

and west of the river Hooghly, during the quarter under review and the corresponding quarters of the previous two years, are shewn in Table V:—

TABLE V.

Pasico.	Vid Balikhali.	77d Sankrail,	Pid Gewakhally.	Fi4 Kidderpore.	Vid Bullinghatta.	Vid Buthtollah Ohat.	By the Bost Indian Railway,	By the East- ern Bengal and South- Eastern East- ways, or sid Chitpere.
	Mds.	Mda,	Mich.	Mds.	Mds.	Mds.	Mds.	M.de.
Becond quarter of 1888-83 Ditto of 1888-84	7,37,166	1,57,404 1,70,361 1,64,063	\$9,122 48,075 50,884	5,03,958 1,87,068 1,20,686	8,37,794 8,75,383	1,61,428	7,10,414 8,38,339 8,10,246	2,78,635 9,76,579 1,10,977

Description 3. The quantity of salt despatched by the East Indian Railway to stations beyond Buxar during the quarter under review amounted to 82,126 mounds 10 seers as noted in

July 22,208 10 amounted to 82,126 maunds 10 seers as noted in the margin, against 86,727 maunds in the previous quarter and 42,115 maunds 10 seers in the corresponding quarter of the previous year.

10. The shipments of Liverpool salt for the port of Calcutta, according to published market reports, were as follows:—

						Tons.
July	1 10 40	***	***	***	***	28,290
August	h # w	* * *	***		***	22,770
September	***	+ + +	# 4 6	***	***	21,020
				Total	110	72,080
						·

No shipments were reported during the quarter under review for the port of Chittagong.

11. Table VI shows the market prices per 100 maunds of Liverpool and other descriptions of salt at the close of each fortnight during the quarter, as compared with those obtaining during the same period last year:—

TABLE VL.

Date	mirti	021 0	y Balo	P.	Prices :		Prices	on the fuly.	Prices 15th A	on the		oz tha vgunt,		on the deniser.	Prices SOLD Mep	on the demine
185			i		1888.	1884.	1885.	1884.	1888.	1854.	1885.	1884.	1885.	1894.	1865.	1884,
					Re.	Re.	Ba.	Ba.	A.v.	Rs.	Ba.	Ra.	Ba.	Ile,	Ba.	Ra,
Liverpool	pung	r).			60	67	m	88	(10	57	60	54	45	66	69	86
Prezek ki	pritute	ili	0	н	76	47	75	4.6	73	46	68	48	- 68	45	67	46
dabbel	41	41.0			80	40	78	48	7.5	47	60	44	ga	45	49	44
Bombay	17	+++	he e	н	70	65	52	bā	76	67	00	67	60	57	45	67
Medera	*1		1+4	111	71	44.0	71	411	71	10	71	P41	71	4.01	71	110
l salino	-		4+0	611	79	47	78	88	78	48	68	48	68	60	57	45
Mozost	31	100	100	171	85	60	Da	60	0.2	40	95	40	86	68	75	41
Carlon	91	luu		201	71	449	71	17.000	76	,	76	*#1	76	100	76	111
Rock		***	111	111	95	100	4 95	110	78	95,	7.5	80	75	80	78	HO.

12. The following table shews the quantities of sea-imported salt admitted into bond and cleared from bond and shipboard at Chittagong and Naraingunge

during the quarter under review and the corresponding quarter of 1885-84:—

TABLE VII.

			•					ADMITTED	LETO BORD.	Сья	RHD.
Toxe.		Dreck	PTION	037	RAL	r.		Mecond quarter of 1868-86.	Second quarter of 1884-85.	Becond quarter of 1s88-84.	Beromi quarter of 1886-85,
								Mds. p. c.	Mile, s. c.	Mds. s. c.	Mds. s. o
	r	Liverpool pungs.	h	PHI	#11		2-7-7	96,333 9 8	49,200 0 Q	1,02,004 20 8	1,00,398 14 0
	il	Jeddah kurkut	ch	741		***	844	#11+07	*****	13 0 D	14.148
	i	French				110	11.4	p. 11 desp	******	10 0 9	49-918
addition of		Ceylon		P IM	4.44	119		971 (48	14-154	1 27 0	1 19 0
Ohittagong		Madras .		444	ash	***	994	nteat	*****	2 7 0	ž 10 0
		Maldivo "		1 41	++1.	414	10-	***+>1	*****	0 12 p	4+1+4
	ij	Rombay M		449	***	110	+==	*****			0 8 4
	-	British Burmah	mlt		P14	***	PA+	811161		0 1 0	3 16 0
Harsingungo	771	Liverpool punga	h	-7-		*17		10,489 0 0	19,538 0 0	B24+20	26,300 0 0
						Total		1,05,501 0 0	0 0 657.60	3,0%,080 25 B	1,23,685 28 0

No transactions in sea-imported salt have been reported for the quarter of from the ports of Cuttack, Pooree and Balusore.

Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 22nd November 1884.

	No.	District, n		ite o	Œ.	Rainfal at Sudde Station i urches	Character of the weather, state and presentets of the crops, and state of health at date
110	NGA	M.					
4		Western J	Distri	icta.			
. 1	1	Burdwan, Carna Cutwa Runegan		7. 22	*84	80 80 80 80	Weather—seasonable. Prospects of amore paddy in the Ronregungs sub-divi- and part of the Sudder sub-division generally fair. Prospects have impro- somewhat in Cutwo, but they are very bad in some parts and indifferent in test of the district. In most places there has been a dight fall in price, w
ů	2		52	23	22	Nil	newhere has there been a rise. Health satisfactory. Weather—cool and flue. Prospects of rubbes continue favourable. Harrest
HAS EVER OF	3	Beerbhoom.	Haite	22		Nil Nil	of winter paddy about to commence. Health good, Weather - seasonable. Cold-weather crops doing well. Prespects of course pa- improved. As attiture of 6 areas or pected in Nulbati. The crop pacti- failed in parts of the cast, centra, and south of the district. Common a
-	4	Midnapore,	. 11	***	p.	Nil	Belling at from 14 to 15 acers per rupes. Health satisfactory. Weather—seasonable. Paddy is yielding a good outcom. Prospects of win
	b	dooghy,	9.4	91	4.	Nil	crops fair. Fever prevails in the Chatal and Sudder sub-divisions. Weather—fine and seasonable. Prospects of winter crops throughout thetrict involvable. Outsure of sugarcane, jute and being good. Fover provalent everywhere, and is reported to be specially bad in Johanab
		Howenh, Ostooberts	di .	24	y +	Nil Nil	Cholern in person the Serempore sub-division. Weather—season cide. Prespects of winter paddy generally good. Sugars of opening well. The cold weather and spring crops are almost all so Public health cood.
		Central Di	atrio	ta.			a continental goods
1	6	24-Perghs.	Nov.	<u>a</u> 4	181	Nil	Weather—sunsonable. Prospects of amen paddy satisfactory. Cold-weat crops doing well. Public health generally good, though choices of spore mature is reported from Barrackpore.
	7	Naddea, Kooshtea Meherpote Chomong	4	22	17	NII NII NII NII	Weather—stry and each. Prospects of cold-weather crops good. Some case favor and cholera are reported.
1	8	Khoolus,	9.3	22	 88	Nil Nil	Weather - warmer than before; bright and clear, Harvesting of late pactures communeed. Cases of cholera occur in many places, and particularly in the Sudder station.
	9	Jessoro, Jisanda Magoora Karad	P4	22	P1	Nil Nil Nil	Weather-sensounde. Harvesting of many paddy has commoned. Prospe on the whole above fair. Rubber sowings are doing well. A kind or ins has been doing injury to rubber crops here and there in the Magnera and division. Cholors and fever prevalent in the Manuil and Magnera and
1	10	Moorshednbad,	**	22	# .	Nil Nil	divisions. Weather -bright and cool. Amen paddy is being out. Rubber crops are do: well, except that in some places they are being damaged by insects. Chole provails in that a Dewensoral and in outpost Khamrah.
1	11	Dinagepore, !	Nov.	21 '	184	Nil	Weather—getting cold. Late paddy being out; as also sugarouns in some par Prespects of pulses and mustard good. Price of the canges from 11 to 15 sec
1	12	Rajshabye.	9.9	22	".	Nii Nii	per rupee. Weather-measurable. Harvesting of amon paddy has remainded and it promise a fair outture. Prospects of rabbee crops generally good. Fever prevaled
1	18	Nowgong Bungpure		22	III	Nil Nil	Prices somewhat improving. Chalera decreasing, Wenther—seasonable. Prospects of amon puddy bad. Harvesting has co
		Nilphamar Kurigaon	1		rd po	Nil Nil	in need in some places. Other winter cops doing wall. Malarious for still prevalent. Cholers appeared in the Gabanda and the Milphonari st
1	1,4	Bogru,	10	22	***	Nii	divisions Weather—world. State and prespects of carner paddy are very unfavourable or alarge part of the district. The cold-weather acops are promising. The re-will some cases of chalcin and fover, but public health is now improving.
1	15	Pubna,	p. 2	21 .	.	Nil	Weather-end with metherly breezes. Prospects of winter crops good. Far and cholera still preporting in every part of the sub-division Serajguage in
	16	Darjeeling,	67	22	,,	Nil	in many places in header carters. Weather dry and cold. Prospects of all crops very fair, though they are a lit-
-	17	lulpigores,	n	22	p l	Nil	below the average. Weathers susuable, cold and clear. Late paddy being cut in places and is the whole a fair crop. Sugarcane good. Telescop and mustaril doing we Cholera still pravails at Patgram and fover averywhere.

2	No.	District, and date of return,	Rainfall at Sudder Station in inches.	
B EX	NGAI	– oqueld		
		Rostern Districts.	,	
	/ 18	Daces, Nov. 22	84 Nil	Weather-seasonably cold. Cutting of sugarcane and amus paddy continues
		Manickgunge Moonsheeguage Narabgunge	NII NII NII	Chillies, mustard and other winter crops being sown Prospects of cross generally good. Several cases of cholera reported from many villages in the Blunshigunge sub-division and other parts of the district, as well as from the
Distant Party	10	Furreedpore, ,, 23	NH	town of Dacea. Otherwise public health generally good. Weather—seasonable. Harvesting of amon puddy going on well, with very fai
1	}	Goalundo Madaripore	. Nil	outtarn. Sugarcane very good. Spring crops being sown. Fever and cholera prevalent in most thansa.
	20	Backergunge, ,, 20	. Rii	Weather-seasonable. Prospects of games paddy generally fair. A few sporadi cases of choicen in the town which are generally fatal. Favor still prevailing
	22	Mymensingh, , 21	, Nil	in some parts of the district. Price of the bas fallen a little, Weather—seasonable. Prospects of crops good. Choicen uppears to be raging
		Jametonis	Nil	all over the district.
		Kishoregunge Attin	Nil	
		Netrekona	Wil	
	22	Chittegoug, Nov. 24	B1 Ni	Weather—seasonable. Resping of amon paddy has commoneed. Prospects of ecops favourable. Prices of food-grains stationary. Cholera langers. Cattle-disease reported from Knojau.
	23		Nil	Wenther - fair and seasonable. Reaping of late dur crop is not yet completed
	24	Fenny Tipperah , 20	Nil Nil	Amen maidy in ear. Rubbes craps are still being sown. Weather—bright and dry; mornings cool and misty. Prospects of paddy
E CHILLIBONG DITE.	2.0	Brahmanbariah Chandpore	Nil Nil	continue to be excellent as before Rubbee sowings continue. Prices going down. Public health generally good. Cholera is reported from different
	25	Chittegeng Hill , 18	Nil	stations, Wenther-getting cold. Mornings foggy. Cutton being gathered and mustare
1		Tracts. Hill Tipporah, ,, 19	, Nil	being sown. Prospects of plough-paidly and sugarcane good. Weather—becoming seasonably cool. Prospects of amon padity continue to be
	Two to Ex			good. Joom crops, teel and cotton, being gathered. Chillies and mustare being sown. Public health generally good.
as D	WES NO. 12			
	26	Patna, Nov. 22	30.115	Weather—seasonable. Prospects of paddy fair, Rubbse promising. Poppy coming on well. Public health good.
	27	dys., s, 22	Nil	Weather - clear and not very cold. Prospects of rabbee crops excellent every- where. Harvesting of paddy has begun; outturn expected to be fair in the south-west and very bad in the north-east of the district. Primes falling in Gys. Optum sowings completed very early. Prospects very good. Health
	28	Shahahad, 22	. Nil	good. Weather—seasonable. Prospects of subbee hapeful. Harvosting of paddy has
PATER LIVE.	400	Artali	Nil	commenced. Opium crop has wholly been sown and germinated fully suc
		Buxur	Nil	plants are now well advanced for the season.
	(Susseram Phabhun	ni Nil	
	29	Durbhungs, , 22	NII Nil	Wenther—seasonable. Early paddy being reaped. Prospects of enblow fine Runt crops being gathered with good outcurn. Opium and tobacco doing wall being control in the best seasonable.
1	80	Modhubeni Mozufferpore, 28	Nil	Prices stationary. Public health good. Weather -seasonable, down very heavy. Paddy ripening. Rabbee particularly pro-
		Најфит	Nii	mising. Poppy and germinated fully, some plants are about an inch in beight
		bitamerhi 29	Nii	and the weather continues favourable for the crop. Public health good. Weather—clear and cool. Harvesting of paddy has commenced. Prospects of
1	81	Sarub, ,, 23	Nil	rabbes crops continue good Of 75,018 begans engaged for pappy, 74,931 box
		Gopalgange	Nil	gale have been sown, Prospects excellent. Prices talling, Public health good Weather—seasonable. Prospects of crops continue Expoundle. Prices fulling
	32	Chumpaoun " 22	, Nil	Public health fair. Condition of poppy crop is very promising. Sowings in low lands have not yet been completed.
	88	Monghyr, Nov. 2.: Beguserai	84 Nil Nil	Weather—cool and bright, Prospects of aghant crops, except those in Sheik purab, continue good. Rubber sawings promising Poppy sawings still going
-	34	Bhagaipora, , 22	Nil	on, and prespects favourable. Prices stationary. Public health good. Weather—getting cold at nights, heavy down, clear skies. Custing of winter paddy has commenced, only about one-half of puddy lands was planted, and the outliers will be from 3 to 16 annas generally, or on an average about 10
ESTABLISHED CITE.	35	Purpenh, ., 22 Kinsengunga	NII Nil Not	anna. Prospects of rubbse crops very favourable. Public health good. Weather—cool and pleasant. Paddy in the north pretty good, but in the rest of the district poor. Rubbse crops promising well. Fever prevalent.
BTES	36	Maldah, , 22	received.	Weather-cold and fair. Winter paddy ripening. Kalai, mustard, main
M				and other rubbee crops are doing well. Common rice selling at 12 seers per rupee. General health good.
	87	Bonthal Petgha 22 Dogmka Deoghur Golda	Nil Nil Nil	Wunther—seasonable. Fandy being reaped. Prospects of rubbes crop continu
		Rajmohal Pakons	Nil	

. 1	No.	District, and		ie of		Rainfall at Sulder Station in inches.	
ОТ	LISS.	A.			·		
DIFF.	38	Cuttack, 1	Nov.	. 21	¹ 84	2511	Weather—end and clear. Reaping of early sured in progress. Prospects of late sured good. Price of common bice varies from 15 to 18 seems per supec in the town and 15 to 20 seems in the interior. Sporadic cases of cholers are
ORISSA D	89	Poorse, Khoorda	19	20	97	Nil -02	reported, otherwise public health good Weather—sensonable Laghu ranad being harvested. Late sonad is ripening Mircellaucous crops doing well. Land is being prepared for spring crops. Common rice selling at an average of 21 secre 13 chiusaks per rupae in the
0	40	Вајваоти	11	21	b >	Nil	Sudder anh-division and 22 sears I chittack in Khoerda. Cholera still reported. Weather—cool. Resping of sorad continues. Rubbes (crops thriving well. Malarium tower reported from the north of the district, otherwise public health good.
СН	OTA	NAGPORE.					
•	Sou	th. West Frantis Agency.	**				
	41	Hazaribugn. 1	for.	21	184	Nil	Weather-bright and cold Paddy harvest continues. Prospects of rabbee crops good. Sowings of poppy completed, but hardly a half of the crop has germinated owing to scanty water-supply. Public health generally good.
	42	Lobardugga.	è	22	И	Nil	Weather—clear and cold. Prespects of rabbee crops good. Prices stationary. Public health good, a few cases of small-pox are reported.
	48	Singbhoom,	,,	21	117	Mil	Weather - sussonable. Agricultural prospects continue (avourable. Marvesting of paddy continues, and cold weather crops are also doing well. A few cases of cholera are reported from that Balangora, otherwise general health good.
	44	Manbhaam, Gavindpore	"	22	PT	Nil Nil	Weather - bright and cool. Cutting of paidly continue. Carras rice sold on 22nd at the Furalia market at 22 seers per ruper. Public health gaus-rully good, except tow cases of small-pox and cattle-disease in Raghumath-pore.

Published for general information.

OALCUITA, STATISTICAL DEPT., The 25th November 1884. COLMAN MACAULAY, Secy. to the Goet, of Bengal.

PRICES-CURRENT of Food-grains, Firewood and Salt in the

			1								RE	TAIL S.		QUAN	TITIE	PER	RATE	E BY
	 		VERNAT.		Вал	LRT-	Bro	pu, bus	r sont,	R	ica, con	MON.		ren M		Сиот	т Мил. итм Ло	Mr— Wie.
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In the sub-divisions the retail prices of salt per rupes were:—Culpa 11 sasts, Cutwa 13½ sasts, and Manaogunge 13½ sasts.

In the interior the retail prices of salt ranged from 11½ to 13½ sasts per rupes.

In the sub-divisions the retail prices of salt per rupes were:—Culpa 14 sasts, Contai 12½ sasts.

In the sub-divisions the retail prices of salt per rupes were:—Culpa 14 sasts and denominal 13½ sasts.

In the sub-divisions the retail prices of salt per rupes were:—Sartige and Bussians 14 sears, Earlackpore 13½ scors, and Dum-Jum 13 sasts.

In the sub-divisions the retail prices of salt per rupes were:—K spill at 13 sacts, Management 24 sasts, and Committee 12½ occas.

In the sub-division the retail prices of salt per rupes were:—Management in Significant 12½ sasts, and Bangong 13 sasts.

In the sub-divisions the retail prices of salt per rupes were:—Manifold Significant 12½ sears, Management 12½ sasts, and Bangong 13 sasts.

In the sub-divisions the retail prices of salt per rupes were:—Manifold Sagnificant 12 sasts, and Bangong 13 sasts.

FIRRWOOD.

SALT.

WHOLE-ALR PRICES
FAR MACED OF
40 MESAS

Districts of Bengal for the Fortnight ending the 15th November 1884.

GRAM.

THE SEER OF BUILDIAGS.

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E. The retail price of sait at Raigungs was 114 acors per rupes.

Le the sub-divisions the resail price of sait per rupes at Nathers and Nowgang was 12 acore.

Le the sub-divisions the retail price of sait per rupes were redishands and Kurigram 18 score, and Nilphamari 18 score.

The retail price of sait at receiptings was 12 score per rupes.

On the scind price of sait at False-sits in Aigur sub-division was 10 score per rupe.

Le the sub-divisions the retail prices of sait per rupes were re-Ministerings 12 feets, and Maharipar 12 score.

Le the sub-divisions the retail prices of sait per rupes were re-Manachali 10 score, feroscopes 11 score, and Bhola 10 score.

Le the sub-divisions the retail prices of sait per rupes were re-Pattakhali 10 score, descriptions the retail prices of sait per rupes were re-Pattakhali 10 score, description of the sait of the sait prices of sait per rupes were re-Pattakhali 10 score, description of the sait store, description of the sait prices of sait per rupes were re-Pattakhali 10 score, description of the sait store, description of the sait store of sait per rupes were re-Pattakhali 10 score, description of the sait store of sait per rupes were re-Pattakhali 10 score, description of the sait store of sait per rupes were re-Pattakhali 10 score, description of the sait store of sait per rupes were re-Pattakhali 10 score, description of the sait store of sait per rupes were re-Pattakhali 10 score, description of the sait store of sait per rupes were re-Pattakhali 10 score, description of the sait store of sait per rupes were rupes.

PRICES-CURRENT of Food-grains, Firewood and Sall in the

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[•] In the interior the retail price of rice ranges from 23 so rs 10 ahit tacks to 25 seems per supes.

The retail price of sait at limitature was in seem per rapes.

Unthe interior the retail price of sait ranged from 0 to 15 seems per rupes.

Unthe sub-risions the stail prices of sait per supes were:—Britannabariah 13 seems, and Chandpore 12) enter.

Win the sub-division of Espain retail prices of sait per rupes were:—Britannabariah 13 seems and Bhabbush 11 seems.

In the sub-division of Espain retail price of all was 11th been per rupes.

In the sub-division of Espain prices of sait ranged from 0 to 12th source per rupes.

In the sub-division of the retail prices of sait ranged from 0 to 12th source per rupes.

Districts of Bengal for the Fortnight ending the 15th November 1884 .- (Concld.)

SEER	OF BO	TÔLA	HB.								AMELIA PER										R MA	UX	D QF		
HADE	on Mini	TRWA	Mai	AN OR	n Indita-		e e	HAM				Fran	WOOD.			B.	LT.		-		BAX		a.		
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Z1 In the interior the rotal price of salt ranged from 10 to 13 secret per rupes.

Z2 In the sub-divisions the rotal prices of salt per rupes were:—Begnarrai 11 acres, and James 11 secret.

Z3 In the sub-divisions the retail prices of salt per rupes were:—Banks 12 secret, and James 11 secret, and Noopole 11 secret.

Z4 In the sub-divisions the retail prices of salt per rupes were:—Hammangungs 30 secret and at Kanesgungs in Arraresh 11 secret.

Z5 is the sub-divisions the retail prices of eat per rupes were:—Hammand and find in 11 secret and Daughur 13 secret.

Z6 The retail price of salt at Chatra was 11 secret and at Kharruchdika 13 secret per rupes.

WHOLESALE PRICES-CURKENT of Food-grains, Firewood, and Salt in

						W:	NE NE.	LT							Bat	u.1.#	T.					R	101	, в	BøŢ	80	BT				1	Rro	nk _t	Ga N	E INC 6	эµ.		-					工用字一 字形人。
	MARTS.			Present retuto.			Next preceding return.		÷	of last year.			Present return.			Next proceding return.		Commonding rates	of last year.			Pre-ent reform.		3	Next preceding return.		1 orresponding return	of last year.			Present return.			Next preceding return.		,	of last year.		Pres-nt return.		Nest preceding return.		Corresponding return of in-t year.
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i	i*cores			++1						***			1411			p#4			ete e						10-1			411		2	3	6	9	4	0	2	0	0	14	٠.	-4		
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CALGUTTA,
The 25th November 1884.

the undermentioned Marts of Bengal for the Fortnight ending the 15th November 1884.

OF 40 SEKES. LESSEE MILLEY-HAGE OR MURWA AND CHERKS. Maren or ludian-GREAT MILLET-CHOLUM JOWAN On Co. Finewood. est precoding return Next preceding relum Corresponding return Corresponding return of last year, reform West preording return Corresponding return of last year. Next preceding return Next preceding return preceding retur MARTS. Corresponding to Corresponding r Present return. Present return. Probent return. Present return, Present return R.A.F. R.A.F R. A.P. B A.P. B. A. P. R.A.P. R.A P. R.A.T. R.A.P. B.A.P. R.A.P. R.A.P. R.A.P. R. A. P R.A.P R.A.P R 4. F. 1 19 01 19 01 19 09 1 0 2 1 02 12 0 0 5 90 5 90 6 3 3 19 0 3 12 0 2 12 0 Calcutta. 9 01 15 0 00 700 70 8 0 08 0 08 6 0 Dacos. 02 80 0 8 00 8 00 7 0 9 14 0 8 14 0 9 2 0 Narsinguage. 9 6 0 5 0 0 5 0 0 5 0 3 0 0 8 2 0 8 0 0 Patna. 1 6 2 7 09 7 0,2 12 0 Poores.

Published for general information.

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COLMAN MACAULAY, Secy. to the Goot. of Bengal.

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Meteorological Report of the Province of Bangal

											STATEO	M OBSE	WASTI	F-79 G-1				10-	
						AIR	PRESST	PR,	Win	D.				MPREATI				bunidity	
	DÉTRI	ot		Representation.	76	Height, 10 L.E.	Ment reduced to see level.	Variation from	Prevaling direc-	Mean wind refo-	flighest during nock.	Lowest daring neet,	Nean mexicoum temperature.	Mesa minimum lemperature of neek,	Mean daily term- perature of week.	Variation from normal mean of week.	hean 10 A. M. temperature.	Average hum	
			5	Copulpore	h-64	\$20 HM24	30:012	-	NNW	274	81.0	87:0	77'8	60.8	6810	-	72-7	597	
Po	103,04	9 10.0"	5	Palso Point	,.	29.082	891017	0\$0	NE	163	80.43	85.0	79'6	6713	68.2	-6'4	7810	0.1	ı
Cr	attack	H+1	PHA	Outtuck	h h-s	20:044	Sy1027	033	Calm &	21	62·B	B5 17	83-2	57-8	70.8	416	75*1	67	L
1	alasoro		(1)	Bulasora	6.41	201079	30'633	-	NNE	0719	85.0	56'5	60.2	72,7	07'8	-	7310	- 61	H
	uth-West M	[[dp#	mare '	o taland		29 998	80'013	052	N	237	79.3	80.9	78'B	62.4	70'6	5*4	75'2	67	1
	uth 24 Perg			Sanger Island		BA 80.70]	ı
	iduapore	444		Midnapore	6.00	201576	80'031	-	21	110.3	61.9	\$5.5	80.0	BO-2	08.9	_	78'7	- 66	ı
-	-Perganuthi	ı	7																
-	darno	***		Calcutta	4+1	201893	80.050	028	NNW	100	601	ER.8	70.5	60.8	7019	-2.0	72'9	- GT	1
	coghly	411)									-6.4				1			
	ardwan	441	411	Burdwan		20 935	30.038	—*030	NW	63:4	81.7	\$G 3	80'8	0.80	60.7	9'7	72'4	51	
	ankoova	411)									44 - Ja					B.C		
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35	hadebedanco	4.11	44=	Berhampere	+64	291057	391026	-034	NNW	48'3	\$1.1	29.0	7910	68.9	60.5	-9.6	7914	63	
N	udden	80-9	H++	*****				Op	antimit.	DOI WELL	ed.								-
16	es076	8-44		Josofe*		29*971	30:005	'047	NW	02.8	861	98.9	82 .1	6916	10.0	-17	76'2	. 67	1
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Ch	alitagong III	ll Tri	rotu.	Demagiri	> P-			Obs	arvations :			BO-11	Profession III	describ	*****		74		ı
Bi	ckergupge		***	Barrisal	8.0	29'312			N.a	Out of order.	77'1*	18-1	20.9°	Q0.84	68.7*	-	70'3"	200	L
No	oakholly	p+n	0.8 1	Nonkhally	46.	型門稿	9291087	_	N	_	86'0	\$8.3	62.8	62'3	12.2	_	7618	63	ı
Fu	urrendpore	84.1	411	Purreodpore	p h =	23/1946	-	-	NW	139	62.0	0.89	60'6	40.1	70'8	-	76'4	63	
De	p.000h	214	+1+	Ducce	j. d 1	29/0549	20'0778		N	34	80.8	99.h	83'2	00.8	72*1	-1.9	77'0	67	l
Co	mmillah	619	ps. s.	Commiliab	184	29/641	291977	_	NA	25.8	65'4	87'5	8817	68.3	72*4		76.6	47	ŀ
M	ymensingb	101	44	Mymensiegh	49.	50.850			ENE	71'0	84'4	68.1	63.5	99.7	7514	_	75'5	Ed	
Bo	ogra and Pul	D4040	***	Samigunge	44.	22-017	60.009	_	NNW	88.0	83'1 75'8	50.7 50.7	81.3	23.0	67.T (10.A	-	7310	89	l
Ro	ajabahyo		A	Rumpore Bear	alealı	54-030	30'015	_	NW	88.8	921	62.7	76'5P.	53'7	67'4		73'1	57	L
Die	inngopore	244	P++	Dinagepore	89.4	29*901	30.052		NNE	55	83.1	68.4	81.3	R.90	67'8		32.7	40	
Re	nughora	244	61-	Bungpore	804	59.905	20.031	_	NE	DE	W2 1	00 %	gr a	Dir d	67.9		70.4	46	
1	alpigoree	**	}	Julpigores		29-719	30*016	-	E	67-2	824	51.1	91.4	53.1	67'4		2416	50	
	och Belier	140)	10-1-11		231043	_		Calm	100	0-4-E	20.9	53:0	28 0	40'8		44113		
	arleeling Hil	Die	cripla.	Darjeeling	FII n	F0.030		~	(ALIZI	100	0.5 11		pa u		64.0		4.0	70	
1	rrecab orth Bhuguly	rn	}	Purneab	>1=	50.803	\$0.027	106U	Calm	4.9	52'0	60-15	BT.Q	61.9	66.99	-8:57	4910	07	
	orth Hanguij			Mozullerpore	pp.			Ohn	orvations:	not rooniv	ed.					-	,		
	Manuel born		p.s.	Durbhanga	P(r =	291878	au-061	1	WNW	179	78-9	35'9	78-8	6719	67:7	-2.5	71.8	65	
	1226 parun	134	441	Motiliari	411	201604	30.038	_	WBW	83.0	M1*4	47'8	1.08	49.7	GATD		71'8	61	
	TELO.	104	441	Chupra	811	22.843	_	-	WNW	18.7	80.9	6416	79:3	85'5	07'4	_	28-8	18	
			1	Dohran		28.001	20,000	_	88W	108'6	28.9	55*0	73'8	00.0	85%		700	\$2d	
Shr	ahabad	mini		Summer	***	:91792	30.013	_	WNW	2014	81.4	59'4	7918	52-0	6001	_	74'4	48	
			{	Arreh	***	297830	20.037	-	N W	191	Bu'a	5210	78'0	92.2	66.0	_	71'0	.58	
Gy		-	41.	Gya	1	201050	20.043	2	W	94'3	87.9	50.7	79'8	04.7	U710.	3.4	76'6	40	
Pat		***		Bankipore	P10	#P'883	30'074	-'011	W	36.2	79'4	88-1	78.0	68-6	07°u	-24	71.1	87	
	th Bhagulpe		j															. "	
	nghyr	Prof		Hingu pore	1.47	291562	501020	-	NW	347	7814	63.6	77'8	55'1	65.0		72'5	87	
	that Pergon			Doenka	100	20.218		-	nw	00 B	70'0	82-1	78'0	9.9	66.3	- 1	71.5	69	
	aribagh	41.2	10.0	Hazaribaga*	199	27'987	30.078	'0\$4	NW	108'7	77.8	10.0	74'8	6917	U3.7	~30	0419	39	
	ngguban		171 4	It is not been		112/414.51	Uhanber		}		Street	¢D14	740	g21,14			1		
Mai	приости	#14	3	Lanchus	141	¥71858	80.030	e-4	1-	-	77'8	49'4	74.2	50.8	62.8	-	67'4	43	
				Cnyelman					1			61'8							

** Chearvations for five days.

Explosation.—Summary.—The normal means of air presents and temperature are the arithmetical averages or means of the readings during the same The hemidity of this atmosphere is o'tpressed as a percentage, estimated air being represented by 100. A clear sky is denoted by 0 and an overcost sky vations of ratifall, the normal means are the authorized means or averages of the rainfall in that district determined from the returns sent in by the and-district the flattic (i.e.), the total rainfall at the sub-divisional stations in the district sending in returns divided by the number of stations. A rainy

of the week ending Friday, the 21st of November 1884.

-					DIST	PRICT ORB	RRVATION	8.								
*	4					RAINS	ALL.	_								
week tation		01 w	ek-	Sinc	e lat of mon	ıth,		ce 15th Ma	y	imber days.	an ber	Representat	170	DigTal	OT.	
Reinfall of week observing stations,		Mean for district.	Normal roesto.	Mean tor district,	Normal meng.	Variation.	Mestra for district.	Normal Dean.	Variation.	Average number of rainy days.	Normal number of raing days.				,	
Nil		_	<u> </u>	_ [-	-	- [-		-	-	Gopalpore	m}	Pouree		
NII		Kil	0.81	0.09	1:74	-1.69	49'48	60'79	—7:3 1	מיס	0.3	False Point	5	X 1101 CM	*71	
		Nil	0.43	2011	6-83	-0.83	47'65	62.08	-4:43	0.0	0*4	Unttack	414	Cuttnak	***	1-01
2011 2011		TALE	0.01	0'02	6.80	-0'89	66:07	63.98	+ 2*70	0.0	0.1	Bulanora		Balasore	661	n 64
40 75,				9311	0.00	Andro	69:59	61:55	+8401	0.0	(1.0	Saugor Island	5	Houth-West M	ldnej	pore
2011		1971	Nil	Wil	0.60	-0.40	49, 50	er na	40171		, -		5	South 24- Payers	tima h	D
40.21		Nil	0.01	NII	0.84	-0.84	43.03	49.76	-0.70	0.0	0.1	Midnapore	4.54	Histrapore	411	
RII									1				ſ	24-l'orguniaha		664
		wil	NI	0.62	0.82	0'31	48*48	5074	-1:71	0.0	0.0	Daloutea		Hownsh	111	141
Nil			1										l	Hooghly	144	104
		ma	2011	MI	0.37	-0-37	35*02	40.10	-10.51	0.0	0.0	Bardwan	401	Burdwan	630	1A
MH		24.10				1							1	Bankoora	101	1111
		Nii	NII	0.02	0.24	-0.10	\$8*04	20.02	-12:01	0°0	0.0	Ranigunge	}	Heerbhoom	111	111
NI		2417	2188									i	l	West Burdwan	144	771
		Nil	Nn	Nit	0:30	-0*30	95*44	49'59	-76'10	0.0	0.0	Вигрантроме		Moorahedabad	#41	1 +4
4		Mil	Nil	Nil	0.30	-0*56	30142	49°30	-12 88	0.0	0.0	411111		Nudden	107	***
		Terr	74.11								n.p		(Jeknore	461	
ma '		Nil	Nil	0*28	0.85	-0.07	23-13	\$9°85	+0.58	0.0	0.0	Jampen	{	Khooles	449	441
MH		4419	Na	3'74	1.01	+1.73	100.03	111*39		0'0	0.0	Chittegong		Chittagong	991	***
Ril		Nil		2'61	1.42	+9789	02.00	85-52	-00-8d	0.0	0-11-	Domagiri	H	Chittagons Hi	l Tra	
		NII	N:1	4-24	0.40	+8*47	85'23	76.06	+7:17	0.0	o-u	Harrisal	41-	Backergunge	* 10	Pla
2010		Nit	M!r			+6'80	05*44	100 89	-13 04	0.0	0.0	Nonkhally	18-	Noakholly	44.1	,,,
Mil		34(1	Nii	7.86	1.02	+ 0.87	43'86	55°7B	-17:00	0.0	0.0	Furreedpore		Furroedpore	.,.	111-
161		Nil	3831	9.43	0.59	+ 0*18	47'81	58*45	- 10.07	0.0	0.0	Dacea	***	Dacos	***	411
3631		MII	2011	0.76	0:48		84*15	70-70	-0.60	0.0	0.1	Commillah	18 4	Commiltab		***
Nfl		Nil	80'0	1.81	0.24	+1'27			-28:42		0.0	Mymenaingh		Mymonaingh	н ь	
mi		1811	Nit	0.84	0.21	+0.07	46:04	₽#. 4 0	-17 89	0.0	0.0	Serajgunge	***	Rogra and Put	190	#1x
Nil		NIL	Nil	91.0	0"37	-0-21	87'71	85'70	-15/45	0.0	9,0	Rampore Bear		itajshahyo		044
MIL		10il	MI	2015	0.23	-0.57	34.00	63*10	-17:68	0.0	0.0	Dinagopore		Disagepore	**1	Phi
2011		2031	MIL	NL	0.08	-0.08	38174	bd:37	j		6.0	,	***	flunggore	Para	411
Ril	1	2021	Nil	NII	0*11	-0.11	45'45	76'39	-25 (%	9.0	0.0	Rangpora	117	Julphgazon	491	***
		9523	Nil	NB	0.01	-0102	95.52	113780	-28:03	0.0	0.0	Julpigorea	11.5	Chock Belier	+==	2-04
2611	1	Mil	2671			4			20140	010	an A	Destertion		Darjeoling Illi	Point	***
Nil		Nii	0.08	28/18	0.81	-0.21	FF8.63	195.01	-38'40	0,0	0.4	Darjeeling	Pr s	Purnsah		
		ma ch	2015	Nis	0105	-0.03	66-18	87'50	-11.38	00	6*0	Pramoun	}	North Blancuig	111	401
249		Kil	Mil							i				МощПогрога		Lite
,									l		4.00	Mezufferpore	н	Durbbunga	*44	445
NO		Nil	0.03	Nil	0.02	-0.03	81.20	42-10	-7:40	0.0	0'1	Durbhunas	***	Chumparan	101	•••
Nil		NB	0.04	3Vil	0.06	-0*06	61*80	43.62	-2119	0.0	6.5	Mothuri	***	Sarua .	441	=+>
Nil		Nil	0.09	3611	0'07	-0.02	30.25	40*62	-10:10	0.0	0.7	Chupm		July Will	480	***
NB	1											Detrem)	Shahabad		
Ntl	1	203	0.04	Nil *	0.23	-0.83	29*10	38"96	-9°85	0.0	0 ° L		}	Photometric	Petty	160
NII				1								Агтич	11.1	then		
2911		NO	Nil	Kil	0'18	-0.78	27*74	29"60	-11.79	D'O	0.0	Li yan	->-	Gya	144	
NII		Nit	10.01	1811	20412		28199	40'24	-11:25	0.0	0.7	Bankipore	100	Patna	444	9)4
			1	70.14	013	-078	29*82	41'81	-11:99	0.0	6.0	внадшрого	}	South Blagoli		110
ND	1	26 (1	Nil	Kil	0.10	A 410				}			(Mongage	***	
Mil		201	NC	Nil	017	017	38'44	49.67	,—10:13	0.0	6*9	Disomas	B-4 B	Southal Pergu		
2011		2011	Nil	Nil	0°83	-0.23	3610	40:45	12'36	9:0	4,0	Hanner ough	** *	Hasardoga	040	440
				et .	sh cffer d	-6'31	36'99	47:04	-10/02	00	Ø-T	Markstree	}	Lonarange	100	440
Nil		Nii	0.62	XII	0.21	-001							-	Manipulom	-4	
NIL	1	NIL	Total	Kii	0.22	0-96	44107	96.04	-\(\alpha_12.80\)	0.0	610	Опутрывы	14	n,egoboos		W - W

period for the past ton years. The variations are negative when the mean for the week is less than the corresponding normal mean, and perfect when greater, by 10. The number denoting cloud amount represents the part of the sky several, the whole sky being denoted by 10. Under the head "district obserting the period in quantum furning the past 12 years. The means for the "district" are the dumerical averages of the rainful returns received day is one on which at least an hundredth of an inch full.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 21st November 1884.

					B	A I W YA KI				То	PAL.				
Masoorological Livision.	District,	Station.	Saturday, 15th November.	Sunday, 18th November.	Moreinber.	Theschay, 18th November.	Wednesday. 19th November.	Franklar, 20th November.	Frifty, 21st Notember.	Namber of rainy days.	Kainfall of	Total entu- full from 1st to Sist November 1881.	total ruin- fall from let to 21st November.	Total rain- fall altine loth May 1884.	Average minfull from 18th May go date.
ORISE	Pourse	Pooren a. Khurdah Hanpar Faine Point Hookitala	#14:** ***** *****	#18-84 #98-1 #18-11	diffuti Shiran Securi Securi	## ## ## ### ### ## ### ## ## ##	10 P= 44 E0 4-41 DE B 6-5E 18 8-50	44.12	194848 54. *P 648755 548.66	NII NII NII NII NII	NII NII NII NII	0°01 0°03 0°10 0°08 2NA)	1.73 1.49 1.67 2.15	88'83 60'17 37'01 61'96 80'70	51 '74 59'09 51 '23 80'08
	Outlack	Jagatalagpore Banki Cuttuck Kendrapara Jajpore	814141	411	400 a - 61	4+ + b+ 11++++ 12++++	MILM MILM	######################################	MI	NII NII NII	NI NI NI	pont Nil Nil Nil	0191 7 0193 0180 0164	45:12 50:63 60:63 41:03	98,44 99,43 96,43
	Balanore	Chandball Bhuddruck Sorah Isalmore Jeilmore Barnodah	######################################	414.41 418.41 446.41 887.81	00121 01011 01011 01011	21 11 21 11 24 11 24 11	\$	699-40 48466 48468 46468	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NII NII NII NII NII	NA NA NA NA NA NA	Nil Mil Mil Nil Nil Kil	1:66 1:61 0:72 0:85 6:83 6:80	50°06 58°20 43°37 67°50 50°50 51°81	83'58 50'91 51'77 56'84 53'53
STROAL.	Midnapore	Contai Sauge- Island Tomlook Midrapore Ghustal	######################################	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		1884 91 24 14 91 4 9 4 p s 4 4 1	ve di	1040 16-00 00 00-00	10 17 07 P	NII NII NII NII	NII NII NII NII	NH Fh NH NH	0*74 6*60 0*80 0*80	60:85 75:64 45:00 46:15 37:88	58'51 61'96 64'97 69'94 47'11 51'20
	24-Регушиный	Dinmond Har- bour. Alipore Juil Barrackpore Dam-lbux	41111	M84441	######################################	10-111		44444	74 E P P P	NII NII NII	NII NII NII	NII NII NII NII	0°55 0°37 0°50 0°50	00-28 57-83 45-86 55-48	67*89 58*90 67*85 50*65
	Rowrah	Baranel Buserhat Hearnh Mohgareka (Ouloberiah.)			## 14-	10100	494484		//· II	NH NH NH	NII NII NII	0°02 0°01 N I)	0°55 0°55 0°46	40183 40183 40183	48:54 84:84 80:88 81:71
	Hooghty	Houghly Jehniabad Offina Bardwan		98 1 5 8 PT	######################################	- d dd 1 bd w - 1 b	1414	16		Nil Nil Nil	NII NII NII NII	Nil Nil Oth Bil Nil	0122 0123 0123 0124 0144	\$070 3973 34'32 36'70 35'32	45'80 47'09 64'85 45'84
	Bankoora	Cutwa Manuegunge Bankoora Indas Hishenpore	84 mm	*** **********************************	10000		10-41	4013.00	101000	NI NI NI	Nil Nil Nil	NA NA NA NA	0.10 0.10 0.30	96*78 ##108 ##186	67'da 67'23 96'05
	Beerbkoom	Ketuhara Malara Ebatra Bh. Soory	400.01	++ +++++++++++++++++++++++++++++++++++			101100		191019	Nil Nil Nil Nil	Nd Nd Nd Nd	N 31 0 33 N 31 2031	0.14 0.81 0.03	61.00 84.63 94.48	22.42 22.43 48.18
	Hudden	Hotsupers Banaghat Kishraghar Chamainnga Meherpers	4	411044 444144 44414 44414	#1176.	PR 84 40 14 44 40 14 94 11 14 94 11			1 = 2 1 1 1 1 1 1 1 1 1	NII NII NII NII	NII NII NII NII	NI NI NI NI NI	0°15 0°35 0°42 0°44 0°44 0°10	35.90 83.93 29.72 37.44 34.72	51:08 51:18 46:67 46:21 51:00 40:01
	Ehoolus	Satkers Satkers Begirhat Shookin	-1 v / d /	474181	141-11	1610-04		40 1 m d d 40 1 m d 40	4.87.05	NA NA NA	NII NII NII	Nii Nii 1703 0740	0°£7 0°61 0°60 0°42	61781 08747 08714 0.084	23.89 23.10 23.80
	Jomer	Narall Jussure Jhenslah Magoorah	1:+'ab	#18-#1 	5 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	** 1 ** 1 ** 2	01 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	4 r 4 1 mm 000 4 m m. 000 4	100000	NH NH NH NH	Nil No Nil Nil Nil	0°17 0°12 Nii 0°13	0*45 0*24 0*24 9:21	31'91 51'75 48 80 41'18 35'62	47*74 53*90 53*46 45*90
	Moorehodabad	limpore Ham Berhampore Lubagh Azmannage Jangspore Labgola	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	## ## ## ## ## ## # # # ## # # # ## # # # #	40 mm;	44 Pred 84 Pred 48	10-11- 10	202 - 10 202 - 10	104104 104104 104107 104107 104107 104107	NII NII NII NII	NII NII NII NII NII NII	NA NA NA NA	0.32 0.35 0.11 0.11 0.11	\$8-12 82-64 31-95 80-94 32-42 30-86	##*78 DO:46 A1*80 48*1.9 47*88 47*88
HART STREAM	Chittagong Chittagong Hill Tracta.	Uox's Dazar Chitzagong Escatamati Roscha.	**************************************	004 h	P - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		184-97		**************************************	NII NII NII	No.	2161 2167 2161 2161	2°17 0 83 2°82	125'85 84'36 02'80' 62'40	231:35 01:40 85:69
	liaakergunge	Patuakhally Perozepore Burrual	4.414.	814524		4-1	444.000	+91.58	1-114	NH NH NH	Nil Nil Nil Nil	0.00 2.01	0°87 1°05 0°76 0 da	84°78 84°20 70°0%	65°46 65°25 65°25
	Noskholly	Nonkholly Found	1=3427	b1 p1 b4 10	100000 100000	100110	1	18149		Nil Nil Nil	Nil Nil Nil	8:93 0:74 1:25	0.68 8.11 6.53	97'00 ' 97'01 93'54 46'31	\$2.01 100.86 100.10
	Ducen	Parronipore Ligalando Muningungs Duces Anningunge	200114 ******** ********	40000	02.000 02.000 02.000 02.000 02.000 02.000 02.000	10-11-11-11-11-11-11-11-11-11-11-11-11-1	19 200	10000		NI NI NI NI NI NI	No.	0'35 0'39 1'94 0'85 1'06	0.23 0.23 0.28 0.28	87:87 87:87 86:74 42:84 46:84	57'63 55'67 71'64 59'47
4	Counties	Manieagungo Comilla Chandpora Brandumberia Kinhoregungo	14+111	4 + 4 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	711444 111744 11174		14 s 1	101810 211810 211810 1110	######################################	NA NA NA NA	NII NII NII NII	2:23 1:83 1:15 0:66	0°64 0°67 0°80 0°80	45/84 77/04 61/80 63/40 42/07	75-07 84-45 61-63
		Atm hymensugh Jametpore Ketrokena	40000	F 121040 01140	1			841-44 141-48 441-48 441-18		NO NO NO NO NO	NII NII NII NII Will	0,25 0,25 0,10	0 %0 0°24 0°32 0°35	65:91 65:91	71:96 67:86 76:10 40.88

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 21st November 1884—concluded.

						RAIND					OTAL.				
Messoroingion Livinion.	Dietrias.	Station.	Saturday, 18th November,	Funday, 16th November.	Monday, 17th November.	Tuesday, 18th	Wodanday, 194h	Thursday, 20th	Friday, Tlat	Number of	Rainfall of	Total min- mil from lat to fint Recomber 1884.	Average total rain- fall from lat to firt November.	Total vain- full alnoe 15th May 1884,	Average rappidate from 188 May to data
HORTH BEHOL	Pubna	Pobra Bernigunge	20 13 15 4p	7**4+1	*****	1		10110	21710A 21800A	NII	Nil Nil	Nii Nii	0°14 0'44	49'84	48°9 62 3
	Hoggs	Nowkhilla Bogza		141444	1010ah 7845au	101044	-	*****	411444	NII NII	NII	0:47 0:48	0.73 0.65	87°33 89°10	91 5 34 9
	Halphabya	Panchbibi	A1/10.	10-21-41 1-4-1-40 10-27-81	151000	*****	FR1 6g		######################################	NII	NH	34.0 0.10	0.01	37 198	5.5 ¹ .2.
		Nattore Nowgong		411941	104 F44	44411b	14 50 14 14 50 44 14 54 47	-91818	001448 11-1-6 101071	NII NII NII	NH NH	Na Nil Vio	0.23	84-16 84-16 83-38	D 1*3
	Maidah	Maldah		*****			******	** 4+**1	V114P)	26.1	30.11	293)	0100	90.81	88-43
·	Dipampara	Churamon Raigungo Dumgapore Baloorghat		######################################	41*44+ 44*44+ 44*44+	418147 419181 419184 486164	P41781 besselves adailes	######################################	4+4+4	MAT MAT MAT	NII NII NII	Mil Mil Mil Mil	0°16 0°09 0°07	85-06 44-81 43-80 84-08 87-79	- 60140 - 60140 - 64140 - 64180
	Rungpare	Bhawanigunge (Gyabanda).	111111	D+294H	411 164	171141	11		11110	1831	2Yst	NII	0'68	43 37	631'66
	Julphyoree	Eunspore Kurigram Bandogra (Nilphamari, Julpigores	111111	# ** * * * * * * * * * * * * * * * * *	040 00 b var 4) m	\$40 hb4	#40 PT	7*1 4 *'7+0* *4*400	#14+00	NII NII NII	Nii Nii Nii Nii	NII NII NII	0.03 0.03 0.11	66'57 46'87 48'90	74.30 74.30 90148
	Cooch Behar,	Dinhatta Goodh Haban	,	187779	191+49			* #1 * 4 4	0 110.104	NII NII	Nil	N ₁ 1	N:1	84.88	128 pg
		Marrichande	164 445 111,++	161949 161949	181910	10000	4 0 7 8 1 10 1 10 1 4 4 11	##### #####	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NH	NII	Mil Mil	Nil Nil	118'08 86'74 86'55	110°27 110°28 128°75
	Ourjoiding Hill.	Buzz Silligari Darpeeling Kalnupong	******	*******	**************************************	411 111 71 45 11 51 1 - 84 17 15 44	P#14=0	48 F 16	18414	NII NII NII	NII NII NII	NII NII NII	0.70 0.31	85'68 96'13 66'20	100.02
ORIE HENAM	Purneal	Kinsongange. Arraresia Purusah	77 74 Ab	4 h h = 1 +	PD 1 0 10 1	##44	71115	**- *** *** *** ****	481448 +81014 +61418	Nil Nil Nil	Nil Nil	No.	0°0± 6°00 0°07	55 75 51 02 66:39	93.51
	North Bhagul-	Maddapore	#1 #4 h 1	4,0,1,	111111	******	177486	**1484	*** 64.	NII NII	NIL	20 (1 20 (1	0.01	87:98	49183
	Durbhanga	Tajpore Darbbunga Madbubahi	01d 114	848*7*	4= 48 84	*******	PRIFES	188 a pë	*****41 *******	Nil Nil Nil	NII NII	NII	0106	85-77	45188 40187 64188
	Moanderpore	Sitamarhi Mosufierpore Hajipore	#+** da b	**************************************	******* *******	#==1@= 	**************************************	7-10-PE	187 48 187 48	NA NA NA	Nii Nii Nii	78 II	0.00 0.00 0.05	90.88 90.88	48'97 39'76 48'44
	12 pro militare me	Motinari Bettian	19444	11444	1 > 1 Yesq 1 > 1 00 q	44441	*****	448841	*****	NII	NII	2011	0.05	44°53 44°53	41'04
•	C1004 1888	Goralgunge Sewan Chuprah	**************************************	106.410	444444	441 697	1 11 11 1	1.7188	411-11	Ni	2011 2011	NH NH NH	0.19	20'20 26'75	47'44 45'70 45'99
PRIR BREAD	Blantobad	Buxar Dehree	######################################	4807**	******	PM 141	411111	Phonds	93-9187 WARAL.	NII	NII	NII	0'07	3M 3M 3R 79	37 95
		Ensteram Arrah	P41196	40001E	181114		747*** 747*** ** PP4.142	1:1441 1::155 21742	# + + + + + + + + + + + + + + + + + + +	NII NII NII NII	Nil Nil Nil Nil	Nii Nii Nii K	91.09 91.0 91.0	34.07 84.07 31.34	60165 60108 87107
	~,,	Aurungsbad Gys Nowadah Johansbad	4170/s 4170/s 41100	#41450 P44158 P84148	464111	141111 141111	PP4 884	**************************************	++++++ ++++++ ++++++	Nil Nil Nil Nil	NII NII NII	NII NII NII	0'16 0'11 0'11	28.89 21.09 21.09	60108 60102 35180 88104
		Patna Dinapore Beltar Barrh	*****	11.040 41.040 41.040	1 44 54 4 1 44 54 54 6 1 44	495444 	481614 897778 896834 895639	##***** ##****	**************************************	NII NII NII	NII NII NII	NII NII NII	8*09 0*07 0*17 0*18	99'84 36'20 18'05 31'53	90.08 98.19 98.19 98.19
		Regeoserai Monabyr Jamui	******	###### ###############################	101110	******* *******	billion billio	# 11 010 # 11 010	4v4 104 110 PF 1	N(1)	NII NII	NII	0.08 0.09 0.09	96'30 91'39 95'70	88159 48122
	South Bhagul- pore.	Bhaguipers	*****	*****	pdy - ER		*****	******	111111	Nil	2012	16.11	0788 90'8	34'86	28.98 91.98
		Rejnehal Godda Pakour Nya Doomka Deegnur	******* ******* ******* *******	481	101 PPH 101 PPH 101 PPH 101 PPH 101 PPH 101 PPH 101 PPH 101 PPH	2000dd 201015 201079 201079		odene odken onken onken	14 +4	NII NII NII NII NII	NII NII NII NII NII	NII NII NII	0°14 0 07 0°06 0°21	32'67 25'11 34'82 39'90 31'11	48'47 46'72 61'72 68'64
IUTIA MAG-	Hamribagh	Pachamba Hazaribagh Sepungurah	*****		Pdige.	*****	PRODUCTION OF THE PRODUCTION O	245771 111577 241567	000 014	NII NII	NU NU NU	Nii Nii	0'86 0'85 0'25 0'29	87°13 23°58 28°59	45'64 45'64 45'73
	Lobardugga	Loharduggs	411477	\$40 E1	******		4.50.00	41,100	******	Nil Nil	NII	NII NII	0,40	99,44 92,80	46168 67198
	Minghham	Palauow		a st. April	.44111	*****	410141	1110d	177364	NII	2011	3Kill	0.95	40'91 20'67	64'87 41'78
	Manhipopu	Puruia	pgriss	440 PT D	### * (p	A4+ 84 8	*4+0-0		120491	Nii Nii	NH NH	Nil Nil Nil	0.26	44'07 58'25	80°96 40°14
			}	*******				4+1+11	******	24.77	2411	10 11	0190	86198	96.92

Explanation. — Indicates that no rain has fellon. If the return for any day has not been received, the curresponding space is left blank. If any of the returns, the corresponding space is left blank. If any of the returns

CALGUTTA, the 21st November 1884.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL DUBING THE WEEK ENDING THE 21st NOVEM-BER 1884.

The weather in Bengal during the past week was of the usual cold-weather character. The barometric changes were small in amount, the temperature low and below the average, the air dry, and skies clear. The steadiness of the conditions in Bengal and at the head of the Bay appears to be largely due to the continuance of strong north-east moneous winds on the Coromandel coast, which accompanies a very marked tendency to deficient pressure in the south-west of the Bay. This has been a permanent feature of the meteorology of the past six weeks. The logs of several vessels received in the Bengal Meteorological Office show that unusually heavy rain fell during the early part of the past week (i.e. from the 11th to the 16th) in the south-east and centre of the Bay. It is described in one log as "deluges of rain," and in another as "torrents of rain." This excessive rainfall at sea apparently accompanied or gave rise to a small cyclonic disturbance, the existence of which was first shown by the Madras coast observations of the 18th and 19th. It increased slightly in intensity on the 20th, and passed across the Coromandel coast on the morning of the 21st. The indraught to this from the north slightly intensified the northerly winds at the head of the Bay, and gave the weather in Bengal the steady character it had during the week. The chief feature of the week was unusually low temperature. The mean temperature. The mean temperature of the week was 5° below the normal temperature in Orissa, 3° in South-West Bengal, Chutia Nagpur, and Behar, and 1° in East Bengal. This was chiefly due to the abnormally low night temperatures which at several stations in the interior were frequently from 5° to 8° below the normal night temperature.

Pressure-Was very steady during the greater part of the week. The disturbance in the south of the Bay reduced pressure in Bengal slightly below the average until the 20th. The passage inland of the storm on the 21st was accompanied with moderate rise of the barometer, and pressure was on the 21st for the only time during the week above the average. The mean pressure of the week was '04" in defect in Orissa and South-West Bengal, '05" in East Bengal, and from '01" to '03" in Behar and Chutia Nagpur.

Temperature—Was, as it has been for some weeks past, considerably below the average. The maximum day temperature was, for the whole province, 2° in defect, and the minimum night temperature 4° below the average. The mean daily temperature of the Province was thus 3° below the normal temperature of the week. The following table gives data for comparison of the mean maximum and minimum temperature of the week with the normal in the case of several stations.

				MAXIMUM DA	ny talipera- ru.		MERIMUM :	FIGHT THE	
				Normal average for week,	Actual avarage of week.	Deficiency.	Normal average for week,	Actual average of week,	Deficiency.
Outtack	**1	***	***	85:7	83-2	2.5	64.5	57·8	-6:7
Caloutta	***	***	***	81•4	79.5	1.9	63 0	60·8	2:2
Burdwan			•	82-6	8c-8	17	62-2	58·5	8.7
Jessore	*** ;	+11	140	88.0	82.1	1.8	61.6	50.6	3.0
Daoca	191	194		88-2	89.2	Nil	03.6	60-9	2-7
Patne	•••	4 = 4		81.5	78-6	2 -9	87-2	55:4	1.8
Purnesk	ê# I	**1	***	82-6	81.6	1.0	680	51.9	6.1
Hazaribagh	***	***	**1	76-7	74:6	2-1	56.2	58-7	8.8

Wind and cloud.-Light westerly winds prevailed in Behar and Chutia Nagpur, and light to moderate north-westerly to north-easterly winds in Bengal and Orissa. The skies were cloudless during the greater part of the week, and no rain fell in any part of the Province.

SUPPLEMENT TO THE CALCUTTA GAZETTE, NOVEMBER, 26, 1884. 2391

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 21st November 1884:—

				2	Sames:	RATUR	E.					1	Rainy.	AEA.				
		,	s wook.	wook.	Avera	gea for	week.	abore or week.	(onw 10	k,	, R	Liny de	1991.	Since		Since	rath ny.
Mai sonorog			Highest observed during	Louvet observed during	Of highest of each day.	Of lowest of each day,	Uf mean for each day.	ATPIAKE TIPED OF Week a below botted mong of	A Peruge.	Normal average.	Variation.	Average number in week.	Normal arvesge num- ber in week,	Variation.	åvetrae.	Yormal average.	y virality.	Morenal attendes.
Octob	n 6-n	111	88'8	6416	8'08	67'0	6819	—8°1	NII	0-15	-0.10	0.0	0.3	-0.3	0.08	1.10	81.79	99.BJ
donth-West Benga	1	441	84"5	8-62	8014	58'7	69:6	~-1'7	Nit	IV:	Nil	0.0	0.0	0	6.00	0.84	64153	51.03
East Bensal	* 20		86'8	1718	81.2	08.0	72'1	-0.9	Nil	Ni	Nil	0.0	0.0	-0	16.5	0.02	65154	76'99
North Bengal		hed	RE'L	50"7	80.0	6418	67'3	-	Nil	Mil	Nit	0.0	0.0	0	0.00	0.17	65-19	72:43
North Bokar		444	88-94	47'8"	30.64	19.64	68'7"	-3.44	Mil	0.02	-0.01	0.0	0-1	-0.1	Nil	0.02	39.10	47'05
Bauth Hohar	***	144	91'4	504	78'2	541	#*S#	-2-3	Nil	0.01	10*0-	0.0	0.0	0	Mil	0.16	30'71	42°4 ₈
Obutto Nanpur			77184	49141	74'41	61'5†	6310+	-#191	Nil	0'01	-0.01	0.0	0.0	0	2011	0.81	36'46	4119

* Mornflerpore not included.

† Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;

JOHN ELIOT,

The 24th November 1884.

Meteorological Reporter to the Goot, of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 16th to 22nd November 1884.

	1		- Prigh	and a		Tampu	BATTRE	k.		Hyono	RHENTH'S	ľa.	1	₩.	ø,			
Mouth.	Date.	Marinem in sun.	Mutaber of hours of a	, A.	Mean.	Veximas.	Range,	Minimum.	Moun wet balb.	Vapour tension.	Dew point,	Humidie,	Freeza	dilag dire	apion.	Wiles recorded	Rain,	Whateda.
1684,	!	0		Inohe.	0	0	0	0	0	[mme	0	0.0					luohet.	
Mov.	16th	1888	10%	29'908	69-7	801	18.0	05.1	69 7	0:477	57:6	67	NV	7	44.6	141	Mil.	Partially cloudy
н	17th	181.7	99	1 88 1"	69 1	80.0	17:9	69:1	63.8	1479	87.4	68	NNW	,	to a	110	h	Partially eloudy,
94	18th	135-8	816	1914	68-8	79 0	17:9	61:1	05.4	*485	66-1	71	NW	and N h	or W	₽đ	I)	Chiefly chudy,
μ	19th	155'9	9.4	911	68'4	79 5	19-9	80.8	61.8	1466	57-0	60	NNW		411	95	19	Partially cloudy.
*1	#01h	134-6	10-8	*936	67:6	78'0	20'5	48-1	61.8	1486	68.3	76	NNW		,	46	tj	Chiefly clear,
в,	Slat	183-9	10-1	1988	67 S	60.0	317	6:88	62'2	.489	8.84	76	NNW	and NW	by N	66	19	Chiefly clear,
90	12nd	134.5	לים *	80.006	68.2	80.1	22.4	57-7	Ø1 15	458	55'4	88	NNW	-12 N W	by N	72	30	Clear, C.
	The s	nean verag	tempe e tem le var	erature perature parature perature perature	of the	e sev	en day errespe	ys ondin	g per	iod fo	r 24 ;	407		 G.⁄a ()≀	fice	240 240 240 340	. 76 . 68 . 78	9-7 0 -5 -8
				city of		rind i	n one			••		***				-01	200 200 1 (4.
	The h	igheat	pres	unre of	wine	i on o	one ed	uare :	íoo:			***				***		easureable.
7	The m	ean r	elativ relat	e humi ive hu	idity midity	y of t	he cor	respo	nding	paric	d for	24	years	, s G '	'⊪-Od	 Bos	70	0
4.4.4.4	The average of the av	verage stal fa verage sean p	fall li from fall o reasur	rain front of the male the made	corre lanua corres perau	spond ry to spoudi are, &	ing pe 22nd ing pe c., are	Priod Nove riod i dedi	for 2- mber for 24 aced f	1884	rs, S.	 G %	O#s~	***	ogra	ph as	15sh Nil 0:0 62:6 65:14	t 1
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formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground. a. dew.

METEOROLOGICAL OFFICE, INDIA; Calcutta, the 24th November 1884.

HENRY F. BLANFORD, Meteorological Reporter to the Government of India.

Results of the Thermometrical Observations taken at the Meteorological Office, Ohowringhee, from 16th to 22nd November 1884.

					TREFER	ATUER.			Нт	GROMETRY.		
Morre.		Date.		Meen	Marinum	Ranges	Ministra.	Mean west bolls.	Vapour tension.	Dew points	Bumidity.	模
									inches.	P	%	Inobe
Hovember .	99.1	20th	119	71.5	79-8	26-7	69.9	6849	470	57-9	đi.	Nil
14	40-	17th		70-B	78-8	17:4	614	68.8	*469	57.9	68	- 11
Ja		18th		69.0	76-8	16-9	59.7	62.8	4690	#8 B	69	
p	844	19th	994	69 6	27-8	17:4	69-9	69-0	489	6814	69	*1
29	***	20th	914	60 4	76.8	20-2	67.9	63.8	1804	26-8	70 68 68	14
10"	244	Slat	244	6v-0	7418	20°5	B.89	68.4	-108	66.8	68	- 12
93	170	#Bud	910	70'0	80.8	\$2.0	68.6	53.2	'490	\$6.4	68	61

The mean temperature of the seven days
The extreme variation of temperature
The maximum temperature
The mean relative humidity
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The mean relative humidity
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The total fall of rain from 16th to 22nd November 1884 ... Nil

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

MUTEOROLOGICAL OFFICE, INDIA; Calcutta, the 24th November 1884.

H. F. BLANFORD,

Meteorological Reporter to the Gout. of India.

MEMORANDA.

The returns received from the first class Municipalities in Bengal, during the week ending 8th November 1884, disclose the following results:—

1. That during the week in question births and deaths were recorded in the proportions, respectively, of 26.4 and 38.5 per 1,000 of population, as opposed to 21.9 and 31.3 per 1,000, respectively, during the preceding week ending 1st November, indicating a considerable rise in the registration of both events.

2. That these events were returned at the highest rates by the undermentioned Municipalities:—

oipal	i	ties	:

elities:—									
	Bir	the.		Ratio per mille,		Deaths.			Ratio per mille.
Serampore Bingulpore Raneghat Mozniferpore Durbhanga Howrah Ducca Hughli Gya	P10	100 100 000 000 000 000 000	0	52.8 52.4 42.0 40.2 39.4 59.0 35.6 33.6	Poori Dates Chittagong Suburbs of Mozufferpor Bhagulpore Durbhauga Purneah Burdwan Darjeeling Kishnaghur Naraingung Midnapore Gya Howrah Jessors, Ranaghat	100 210 210 210 210	010 010 010 010 010 010 010 010	0 to	156:3 66:3 65:7 48:4 43:7 48:4 41:6 39:7 39:1 87:8 87:2 85:6 30:6 30:0

3. That the principal diseases, specified in the table appended to this memoranda, furnished the death-rates indicated below :-

				Ratio	Ratio per mille during the weeks ending-							
				Bth 1	November 1884.	let November 1864.						
Cholora	0.19		***		4/8	2.0						
Small-pox	414	***	***	199	•9	, J						
Fever		0.10	410	***	17.9	16.1						
Bowel-complaints	***	***	b = 0	F + 1	5.7	4.2						
Injury	B r w	0.19	***	F11	- 8	*2						
Other CRIECE	,.,	199	114	100	19-4	9*d/						

The above figures denote that, in comparison with the preceding week, there occurred during the week under review moticeable increase of mortality from cholera, fever and bowel-complaints, particularly from the two first-named diseases.

4. That while small-pox and bowel-complaints were nowhere conspicuously fatal, the

rest of the death-causes exhibited their greatest activity in the undermentioned Munici-

for second or .						4							
Cholera.			Fere	۳,		Inju	ry.		Other Causes.				
	E	mille.		I	Satio per			Matio per		Ratio per mille.			
Poori	811	102.7	Purneah	4.,	36.1	Beauleah	411	13*1	Poori	27 8			
Chittagong	11-4	28.2	Jessore	414	30.6				Darjeeling	260			
Narainganj	444	12.4	Chittagong	414	30.2				Dacca	22.1			
Chupra	***	6'8	Renaghat	*11	80.0				Suburbs of Ca	doutts 153			
Daces		6.2	Паосв	***	28.5				Mozufferpore	14'6			
Durbhanga	***	6.3	Bhagulpore	***	26°3				Kishnaghur	13.2			
Mozufferporo	***	448	Burdwan	911	22'9				Hughli	107			
Suburbs of Caler	gita	4.2	Midnapore	***	21.7	1			Gya	10:2			

It will be noticed that cholers prevailed with abnormal virulence in Poori and with marked severity in Chittagong. Fever is also seen to have prevailed with great fatally in Purneah, Jessors, Chittagong and Ranaghat.

5. That the death-rates under the heads of Sex, Class and Aye, stand as noted below :-

According	to Sea	2,	According	to Class	Fa.	de	cordin	g to .	Age	e.		
Males Pennales Ratio of male of to every 100 in deaths	deaths	Ratio or mille. 39.4 37.6	Christians Hindus Mahomedane Budhists Other classes	[Pi	Ratio or mille, 52:1 36:2 43:5 24:1 72:8	Under 1 1 and u 5 ,, 10 ,, 15 ,, 20 ,, 40 ,, 50 ,, 60 years		#1 #1 #8 #1 #2	141 141 174 400 174	Ratio pur mille. 300-2 43-2 25-8 33-1 27-2 24-2 26-7 31-1 43-7 82-7		

B. LIDDERDALE, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal

The 24th November 1884.

118	-		od malfaol deministra	of sum to 600 femelo c	Giani Vides	160	100	22	n	No temale double			2	3	8	3,006	100	*	986	2	1	22	190	958	100	3	137	#	#°	100		
		Disease. Disease. RATIO PER 1009 OF POPULATION PER SEE DEATERS. DEATERS.	TION DE LE	1	Femula	101 571	3.76	9,00	16.1	:	23.d	0.27	100	10.0	9.59	9.9	989	10.00	214	1	ļ.	£ 12	0.80	# 8	9.74	62.0	15-3	4.05	11.2	47.4	10.1	
=			POPULATION. BIRTES. BATIO PER 1000 DE PATIO PER 1000 DE POPULATION DE DEATES. NUEBER 02 - PRE ANNUE. NUEBER 02 - PRE ANNUE. DEATES FROM - PRE AN		Males	44.1	0.98	₹~ 04	212	17.7	118	£ 2	9 0	94 64	64 70	49.0	81.0	22.2	42.0	50.7	19.1	\$.94	9.50	7.01	2.09	9	Si Si	8	20.2	26.3	1687	
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gs -			10 000'L	roq adtrob a req enit duom anoive	१० लेश्चर्स् मधिस्प्रम् भए ०वर	1.92	100	** 400	'n	18.0	0.66	2.08	P) (2 4	1	25	9.55	2	0.01	79.5	11.2	10	- F	8.01	29.3	63	28.2	9.01	15-6	100.0		
	101		et 1	*IN	ујг сипр	2.50	9.62	101 101 101	523	9.4	\$0.00 \$0.00	98.9	000	0.00	80.6	9.85		8	**	1.89	12.4	88	92	90	45.7	41.7	18.2	4374	804	9.11	130.2	
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OFFICE OF SAFITARY COMMERCENEE FOR BEHGAL,

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	•	TOTAL	200	583	12	-	1 05		.	-	-		Ļ		100	멐	图	a	28	!	ļ		1	Ļ	<u> </u>	_]				egg.

PUBLIC WORKS DEPARTMENT-BENGAL.

TRRIGATION BRANCH.

RITER . BEARLITOOTER. Height Droc mean not-leval. Gowhatty. Height over noro of gange. Brahmapoolra for the month of October 1884. Height over mesa RITER TRAINGERS, Erishneghur. Height Height Grow sero | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 | 1998 RIVER BRACKERS. Barbampore. Hoight over zero of genge. 909766 909766 909766 909766 909766 90976 9 Height over mean see-level, 1001 From Rempose Goslundo. Height 100 Stom Bereros Rivers Ganges, Bhagirathee, Jellinghee, and Hotght over mean Ramporo Seauloch, Branz Buhlb. 106 Height over 1900 of gange. 4331 From Benbers Height Ofer meen see-lavel. *#6 Lusuom meag Sabiberance. Height of grage. 24.00 25.00 THE ROPHITOIR CHOICE Hought Over month 110' Modutiff mode Monghyr. Height over sero of grange. Cistoment showing keighle over mean sea-level and low water on the 1298 RIVER GANORS. Roight 2012 2012 2012 2013 *20 Direpore. Height over zero of guago. 221 seasons produces Height Over menn Baxar. seriora merca Height over sero of Estige. Height over mean o + *6W eund Hinty - 015-17-107 Benares. Height over ser-124" arroy 9 व्यक्तिक Herrican over recent or Mirtapore. From 199 -stialità Height over sero TREESE ! Distantor ******************* Date.

W. Obline, ď

Bengal. 5 Under-Secy, to the Government

Doted 24th November 1884.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Circular Canal at the Chilpur Toll Station for the month of October 1884.

Number		APPROXIM	ATE	Tornage of Bo	ATS.	Tollage.	
of bosts.	NATURE DF CARGO.	Weight of eargo.	Value of cargo.	Merunda.	Tons.	Tollage.	
	LOCAL TRAFFIC.	Mds.	Re.			Rs. A.	P.
010	01	1,77,266	67,099	3,48,475	12,445	2,406 0	6
219	Coal	9,200	2,944	18,925	675		_
9	Readstone					74 I	6
29	Earthenware	2,100	1,050	8.250	294	34 14	(
12	Sand	4,100	1,230	9,025	322	68 6	ŧ
.2	Firewood	500	100	1,225	43	9 3	
6	Iron	1,913	5,739	5,025	179	38 7	- (
11	Jute	4,100	12,300	10,100	360	87 14	
2	Paddy	1,325	1,987	3,000	107	26 4	
ĩ	1777b. 4 = 4	200	550	700	25	6 2	
î	C	500	1,000	1,200	42	10 8	
	Managed and	1,600	4,800	3,625	129	81 11	
4		. 81	86	950	38		
1	Oil-cake	250	500	675	24	3 9	- (
3	Vegetables					4 0	-
1	Tobacco	75	750	150	5	1 5	
1	Spices	100	2,000	1,900	67	16 10	- (
318	Balt	1,29,115	8,71,205	3,21,700	11,489	2,747 15	
3	Bones	800	1,200	1,650	58	10 7	-
618	Total	3,33,225	4,74,540	7,36,575	26,297	5,527 7	
619	Total of same month-	3,57,632	2,51,615	7,44,375	26,590	5,907 0	
	MISCELLANEOUS.						
961	Empty, passenger, planks, fish, golepatta, onion, fowls, &c.	50,300	2,01,900	6,50,950	23,248	3,252 14	
172	Boats under 25 maunds	444-4				43 0	
324	Demurrage	*****		*****	*****	96 9	
1,133	Total	50,300	2,01,200	6,50,950	23,248	8,392 8	
1,130	Total of same month	L,00,000	3,00,000	2,74,200	9,793	2,864 3	-
1,751	Grand Total	3,83,525	6,75,740	13,87,525	49,545	8,919 15	
1,749	Grand total of same month last year.	4,57,632	- 5,51,615	10,18,575	36,383	8,471 3	

MEMORAN	IDUM.			Ru.	4.	P.
Unrecovered balance on the 1st of the month	444	He	11-60	90	å	a
Amount of tollage for the month	10.7	***	***	8,919	15	8
•		Total	***	9,010	3	6
Amount credited in the accounts for the month	#84	+++	and an	8,607	9	6
Balance at the	and of the	month	***	402	10	0

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Circular Canal at the Dhappa Toll Station for the month of October 1884.

		APPROX	THATE	TORFACE O	BOATS.		
Number of boson.	Marcen of Cared.	Weight of cargo.	Value of cargo,	Maunda.	Tops.	Tollage.	
	LOCAL TRAFFIC.	M ds.	Ra.			Ba. A.	r
14	Earthenware	730	365	2,125	75	18 9	. (
88	Lime	1,04,900	89,165	1,92,275	6,866	1,680 5	- (
458	Firewood	2,21,900	44,380	4,16,700	14,882	3,125 4	
7	Iron	472	1,416	2,975	106	12 13	
7	Bross	800	28,000	2,525	90	12 5	
730	Jute	5,15,943	15,47,829	10,33,500	36,910	9,043 2	
37	Mats	3,250	16,250	10,450	373	91, 7	
5	Paddy ··· [1,050	1,575	2,400	85	21 0	
616	Rice	2,66,924	7,34,234	5,22,900	18,675	4,575 6	
24	Grau	11,250	22,500	22,850	816	200 0	
8	Linsood	2,000	8,000	5.300	189	46 6	
27	Mustard-seed	12,322	36,966 1,61,805	24,325 72,475	2,588	212 13 317 1	
163	Other oils	32,361 5,750	6,109	16,750	598	146 9	
26	Oil-cake ···	7,150	28,600	15,800	564	188 4	
101	Fruits	38,539	77,078	75,625	2,700	681 11	
142	Vegetables	1,227	8,589	2,950	105	20 14	
5	Tobacco	600	12,000	1,400	59	12 4	
5	Spices	200	2,000	525	18	2 4	
3	Turmeric	500	10	225	8	1 15	
1	Grass for cattle	996	3,984	15,825	565	138 7	
45	CI.	20	100	425	15	3 11	
1 27	The A. Samuel	6,465	64,650	12,750	455	111 9	
10	Sugar, unrefined	2,505	15,030	4,075	145	35 10	
26	Jaggery	7,486	37,430	14,875	531	130 2	
67	Salt	5,431	14,256	17,250	616	75 7	
10	Hides	4,415	8,830	1,150	41	10 1	
12	Bones	1,225	1,837	2,900	103	25 6	
20	Dry fish	925	9,250	3,000	107	26 4	
2,685	Total	12,57,336	29,82,288	24,96,325	89,144	20,897 8	_
2,932	Total of same month	11,27,460	33,72,275	24,16,400	86,287	19,880 10	_
	Miscellaneous.						
1,138	Empty, passenger,	8,87,200	15,48,800	8,85,600	31,628	5,993 6	
1,100	planks, golpatra, onion, tamarind, fish, shells,		,			,	
541	&c. Boats under 25 maunds Demurrage	441 t 04	0 t 1 d 0 d	*****	10041	135 4 731 15	
4,679	Total	3,87,200	15,48,800	8,85,600	31,628	6,860 10	
5,735	Total of same month	4,57,150	9,62,500	12,97,550	46,340	12,576 3	
7,364	Grand Total	16,44,586	45,31,038	33,81,925	1,20,772	27,757 14	
8,667	Grand total of same month last year.	15,84,610	43,34,775	37, 13,950	1,32,627	82,406 14	

MEMORAN	DUM.				He. A.	g.
Onrecovered balance on the lat of the month	1	***			434 10 27,767 14	
Amount of tollage for the mouth	447	. ***		***		-
		Total	*	600	28 192 8	9
Amount credited in the accounts for the month	-	arek		PAI	27,110 14	
Balance at the and of	the mouth	ine		-944	1,031 10	0

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Tolly's Nullah for the month of October 1884.

Number		APPROXI	MAXM	TOWNAGE OF	BOATS.	
of bosts.	NATURE OF CARGO.	Weight of cargo.	Vaine of ourgo.	Mauria,	Tons.	Tollage.
	Local Traffic.	Mds.	Rs.			Rs. A.
,	LOCAL TRAFFIC.	MECO.				ARDY ELS
50	Coal	24,761	9,284	51,725	1,846	203 2
28	Roadstone	18,900	4,725	38,550	1,376	144 9
35	Bricks	4,75,800	4,282	1,20,150	4,291	450 9
9	Tiles	9,100	291	$\frac{4,750}{16,725}$	169 595	17 13 74 7
101	Earthenware	5,540 8,900	2,770 2,669	20,225	721	80 8
22	Sand	25	2,009	25	121	0 4
204	Trimonal	65,650	13,130	89,600	3,196	673 0
7	Firewood	1,860	5,580	5,500	196	24 12
4	Brass	400	14,000	1,200	41	7 14
6	Cotton	188	2,256	2,650	93	23 3
17	Jute	6,360	19,080	13,425	478	117 8
87	Mats	4,500	22,500	14,100	508	123 6
340	Paddy	30,791	46,186	64,625	2,307	565 11
,129	Rice	1,07,165	3,45,060	2,14,650	4,097	1,234 5
8	Gram	1.940	3,880	4,175	88	36 0
32	Mustard seed	10,770	32,310	24,625	879	198 0
38	Other oils	5,134	25,670	12,200	435	58 6
3	Fruits	110	440	300 11,750	9	1 7 48 7
59	Vegetables	5,411 1,650	10,822	3,375	418 220	29 11
12	Tobacco	1,000	16,500 200	50	440	0 8
2 16	Channel	1,800	3,600	400	14	4 0
5	Garan dan autilla	38	152	1,050	37	9 8
505	Straw	3,252	18,260	69,075	2,466	463 7
9	Betelnuts	3,320	33,200	8,125	290	71 8
90	Jaggery	8,551	42,755	19,700	702	140 10
129	Salt	26,016	82,344	98,475	3,551	419 2
13	Cattle	360	720	775	27	6 13
2	Dry fish	60	600	225	8	1 15
,913	Total	8,28,362	7,63,287	9,12,200	29,054	5,225 5
3,895	Total of same month last year.	4,59,921	6,44,394	9,61,875	34,325	6,571 14
	Miscellaneous.					
3 ,812	Empty, passenger, cheerah, shells, planks, fish, babla wood, &c., &c.	83,600	3,34,400	5,77,125	20,611	3,450 6
186	Boats under 25 maunds Demurrage			10017	0B0151 1	46 8 74 0
3,998	Total	83,600	3,34,400	5,77,125	20,611	3,570 15
4,322	Total of same month last year.	4,00,738	10,00,651	8,22,050	29,357	3,820 13
6,911	Grand Total	9,11,962	10,97,687	14,89,325	49,665	8,796 4
7,717	Grand total of same month last year.	8,60,659	21,45,045	17,83,925	63,682	10,392 11

MEMORANDUM.

Balanco at the end of the munth

. 264 16 4

ABSTRACT FOR THE MONTH OF OCTOBER 1884.

	THAPPIC	1994-86.	TRAPPIC	, 1883-94.
	During the month.	To end of the month.	During the corresponding mouth.	To end of the corresponding menth,
CIRCULAR CANAL.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. F.
Circular Canal at Chitpore toll- station Ditto at Dhappa toll-	8,919 15 3	44,279 13 0	8,471 3 3	40,675 13 8
station	27,757 14 0	1,24,659 3 9	32,406 14 0	1,41,886 12 0
. Total	36,677 18 3	1,68,939 0 9	40,878 1 3	1,82,012 9 3
Folly's Nullah	8,796 4 8	57,187 7 6	10,392 11 9	64,809 9 9
GRAND TOTAL	45,474 I 6	2,26,126 8 3	51,270 18 0	2,46,822 8 0

CALGUITA,

The 24th November 1884.

C. W. ODLING, Under-Secretary to the Govt. of Bengal.

Nalhati State Railway.

Statement showing Increases and Decreases in maundage of Staples carried over the line during the month of October 1884, as compared with the corresponding period of October 1883.

. GTAPLES.	18	88.	184	Ole.	1988,	1984,	1	
	Up.	Dowe.	Up.	Down.	Total.	Total.	lnoresec.	Paoroses
	Tons.	Tons.	Tona.	Tons.	Tons.	Tons.	Tons.	Tona,
IXII. 1 & 2, Srams and ball-markel where 11. 2. English grain 11. 4. Proceeds odd a million of IXX. 1 & 2. Site and silk elotion IXX. 1 & 2. Site and silk elotion IXX. 1 & 2. See and silk elotion IXX. 2 & 2. See and silk elotion IX	134 47 13 30 76 10 201	10 50 110 4 80	### ### ### ### ### ### ### ### ### ##	N 10	180 47 13 15 78 150 19 294	17 55 4 4 22 36 304 2 169 13	7 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18A 0 0 0 48 88 86
Total	676	601	452	459	741	494	22	250

DECENSE.

Idible grains ... 138

This decrease is due to partial faiture of paddy crops for want of early rain.
Sundries ... 48

This decrease is due to less import for want of purchasers.

Coal

This decrease is due to prayious stock not exhausted.

Nalhati, the 21st November 1884.

Russicklal Roy, A.E., Offy. Manager, Nathati State Railroay.

Property.

Weekly Return of Traffic Receipts on Indian Railways.

KAST INDIAN BAILWAY.

Approximate Return of Traffic for week ended 16th November 1884 on 1.509} miles open,

	COACHING	TRAFFIC.	MERCHANDISK TEAR	AND MINERAL	Other earnings (estimated).	Total earnings.		TRAIN-MILE	BOY.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(00000000).		Coaching.	Merchan- diae.	Total.
Total trams for the wook Or por mile of railway For previous 10 wooks of half-	203.192 3,783,029	Bo. A. P. 2,05,215 14 0 175 11 2 43,51,434 11 0	98,06,748 10	Ra. A. P. D.45,327 11 0 861 4 3 52,29,139 14 0 87,65,467 9 0	2,78,461 11 4	1,28,50,048 4 4	58,415 1,169,827 1,502,742	1,578,740 1 1,671,672 1	
Total for 25 wooks Companies. Total for corresponding week of previous year. Per mile of milway corresponding week of previous year. Total to corresponding date of previous year	MILLE	3,03,183 13 1 202 3 10 44,52,710 10 10	22,55,541 0	6,93,647 11 8 894 11 8	20,919 10 1	9,81,751 \$ 1; dio 13	08,285	104,371	172.030 3,703,80

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

PROUTO 1771	TO POL WESK E	SES.	RECEIP 15TH	TR POR WERK F	SSA,	Total	RECEIPTS PROD 1855 TO 17TH No BER 1655.	M 1ST	Toya:	L RECEIPTS PAGE 1881 TO 19TH N DBM 1884,	M IST	Total increase in 1884.	Total docrease
Menu miteaco worked.	Receipts.	Por mile worked.	Slann milenge warked	Recorpts.	Per prilu worked.	Mean mileago worked.	Total receipts.	Por unite worked.	Mean mileage worked.	Total receipts.	Per mile worked.	114 10034	b.II 5 (70°9a
1,809	B a. 9,111,751	Rs.	1,609i	Ra. 8,25,284	Re. 547	1,509	Re- 3,12,60,280	Ra. 20,710	1,508);	Ra. 2.52,83,875	Rs. 16.740	Rs.	Re. . 09,77,356

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 15th November 1884 on 741 miles open.

	COACRING	TRAFFIC.	HERCHARDIST A	WI MINKKAL	Other carnings	Total assuince	TRAFFIC '	TRAIN-MILE	e Rum,
-	Number of	Coaching resulpia.	Weight carried.	Receipts.	(assimated).	Spine dia secondari	Conching.	Morchan-	Total.
		Rs. A. P.	Mrs. s.	Rs. A. F.	Re. A. P.	Ris A. P.			
fotal traffic for the week	4,550	6,292 U 0 67 U 11	55,161 30	E,745 11 0 86 14 4	102 + 0 1 5 1L	7,143 H 0 95 L4 \$		k10,1	3,6.13
For provious 19 weeks of half-	80,934	G1,007 2 U	4,512,017 30	41,940 13 3	1,833 a S	1,08,787 3 6	18,047	17.8512	20,809
Total for 20 weeks	BA, ARIII	60,990 11 u		44,895 7 8	1,125 0 3	1,18,089 11 6	12,718	18,569 €	91,681
COMPARISON. Total for corresponding week	4.81%	5.Tap 2 8	40,606 0	7,613 1B 0	61 8 0	a,45). '8 8	630	9157	1,617
of previous year correspond-		50 7 4	1	83 11 12	115	85 6 8	44441	*****	
Total to corresponding date of provious year			1	45,360 10 0	2,281 8 0	1,17,503 12 13	12,705	17,820	27,084

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Oircular No. XXI. Railway, duted 23rd July 1883.

Time Et lett	S FOR WEEK NOVEMBER	BHDIRG	Links we want	NOVENBUR	DRIGHT	TOTAL	neceters sho wil 1883 to 17 Sovemble 1883	M 1pr	AP	RECEIPTS PHO- BIL 1881 TO 151 OVERDER 1884	[5]	Total	Total diversion in
Mean milenen waried	Receipts.	Per male worked.	Slean militate worked.	Resempts.	Per mile worked.	Menn milense worked	Total receipts.		Moracol	Tatal receipts.	Per mile worked.	1884.	1884.
141	Ra. 8,854	X9.	741	14a. 7,146	Du. +36	745	Rs. 2,01,025	Ra. 2,710	745	Rm. 2,14,269	16s. 4,870	Re. 12.543	Rs.

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 15th November 1884 on 571 miles open.

	Содения	PRAFFIG.		BLEEGHARDING TOA	PPIC.	STR.A.Tr	Otherest	n ir	le s	Total	THAFFIC	TRAIN-MIL	BB DUT.
	Number of passengers.	Conching receipta.		Weight curried.	Recuipt	8,	(retime			entitionie.	Conching.	Merchan- dues	Total.
		Ru. a. i	D.	Мов. в.	Ru.	L P.	Re.	Α.	P.,	Its. A. T	,		
fotal traffic for the weak or per units of railway or provious IP weeks of ball-	11,437 207	8,045 12 140 10		37,525 30 656 16	5,854 1 40	8 11 8 11	59	D D		10.837 9 8 191 (1 4		1,1694	\$,037
7062 III TO TO III	264,420	1,57,268 18	0	8,09,615 30	59,550	3 0	1,810	0	d	2.17,62P D C	82,700 }	10,000	51,484
Total for 20 weeks	271,031	1,08,810 0	0	8,40,141 20	G1,3k7	0 0	3,808	1)	ß	2,29,506 0 6	34,6281	\$0, Nav }	0-6,85°E
COMPARISON,						_			_				
Cotal for corresponding work of previous year mile of milway correspond-	15,842	6,225 7 1	11	46,638 20	3,804	G 0	41	Θ	0	31,001 6 11	1,578	New	2,504
ing week of previous year	200	143 12 1	ro	815 20	619	0 0	0	11	7	203 13 11		,	110
previous year	¥29,595	1,20,078 0	7	0,08,020 0	46,619 1	# 0	1.090	(1)	0	1,08,500 14 7	30,912	13,704	80,516

Approximate Statement of gross receipts of the Patna and Gya State Railway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, dated 23rd July 1883.

BRORIPI 17TH	NOVEMBER !	KNDING 883,		t Notuners The Police		A	L RECEIPTS FO POIN 1888 TO 172 NOVEMBER 1882	TIL	AI	l anceipts pro- rit 1881 to 15t (oversede 1881,	t let	Takal	Դոքա -
Mean mileste worked.	Receipts.	Per mile worked,	Hoan milesice worked.	Recalpts.		Mean subake worked.	Total receipts.	Per mile worked.	Moses Muckey	Total receipts.	Per mje wo kud.	Total increase in 1884.	duerrane in
	Ra.	Iλμ,		Ra.	Rs.		H5.	R.b.		Rs.	Ra.	B.s.	Ra.
1071	11,601	204	672	10,537	391	571	2,86,114	5,037	67)	\$,42,069	6,030	53,947	*****

GHAZIPUR-DILDARNAGAR STATE RAILWAY.

Approximate Return of Traffic for week ended 15th November 1884, on 12 miles open.

A	COACHING	TRAPPIO.	BLENCHANDISH	AND MINERAL	Other earnings	Testal	Tuappic	TRAIN-MILE	B EUM.
F. C.	Number of passongers.	Conching recoupts.	Weight carried.	Moreipea.	(estimated).	extuitus.	Conching.	Morehen-	Total.
		ILE. A. P.	Hos. a.	lts, a. p.	Rs. A. P.	Its. A. P.			
*Total testile for the week Or per mills of milway Ror previous 19 weeks of balls	2,150	880 4 0 82 7 B	14,868 0	257 0 8 E9 18 6	27 4 G 2 4 4	773 14 A 64 7 10		1027	520
Per	38,785	7,903 18 0	1,63,861 10	S, 5 0 0	51# 12 0	11,583 4 0	4,004	° 365	6,459
Total for 20 weeks Companions.	40,881	7,663 8 0	1,80,000 10	3,620 15 0	2:5 0 0	12,156 2 0	4,512(1)	2,467k	6,7,00
Total for corresponding week of previous year. Por hule of ratheny correspond-	2,3233	402 13 Ú	10,701 10	- 80) 12 0	40 13 0	614 0 6	R21	139	250
Total to corresponding date of		2 9 83	PERVEI	35 34 4	3 14 8	70 5 11	44444	ANTELD	
Bentions Leve	42,0131	7,858 10 8	2,24,044 0	5,020 11 0	497 LS 0	12,877 2 6	6,069	2,843	o, on a

Approximate Statement of gross receipts of the Gházipur-Dildárnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

	NOVEMBER			IS POR WEEK H NOVEMBER		A.	t hornists the cur. 1880 to 17: November 1880	I II.	As	t. BECEIPTS (200 PRIL 1881 TO 161 NOVEMBER 1884	165	Total	Total
Masa Mikawe Musted	Roompts.		Menn militage worked	Receipts.		Meun militage worked.			Mean mileaga worked,		Per mile worked.	increase to	decrease in 1654.
j.	Rs.	Re,		Ha,	Ro.		Ba.	II.a.		Ba	ßs.	Ra.	Re.
18	RES	70	19	774	84	13	28,410	E,365	12	811,090	2,509	3.680 a	4.00

EASTERN BENGAL STATE RAILWAY.

Approximate return of traffic for week ended let November 1984 on 359 miles open, including Calcutta and South-Rastern and Bengal Central Railway milesge.

	Сомения	TEADU	o.		Munchard		AND MIN	BRA	L	Otheren						THAVELO	TRAIN-MIL	EN ATK.
The state of the s	Number of passware.	Conchi			Weight carri	led.	Receip	LU.		ipelod steam-b	mg		Total car	nun	gile.	Coaching.	Merchan-	Total.
		Ba.	A - 3	٦,	Mass	jh,	Rs.	å. I	ŀ.	\mathbf{R}_{0}	A. 1	١,	Re.	٨.	P.			
A.—Total traffic for the week Or per mule of railway	100,080 293	41,821 £16	9 1		8,98,9 07 814		74,049 205			5,672		0	1,21,198 532			15,739	31,845	\$5,974
For previous 17 weeks of half-	1,391,111	6,65,877	0 1	0	05,10,800	0	18,28,419	D	0	1,88,111	0	0	20,12,407	-	0	210,769	101,775	600,546
Total for 18 weeks	1,406,150	6,05,868	0 1	0	64,48,016	0	18,90,461	0	6	7,38,683	0	0	21,83.542	0	Đ	226,407	203,031	489,618
B Total for corresponding week of previous year Por tube of reliway correspond-	66.27B	29,906	0 1		2,75,296	D	80,886	0	0	10,105	0	0	1,06,946	0	0	9.639	6,111	17,000
ing period of provious year Total to corresponding date of provious year	324 1,350,818	6,20,360	0 1		1,051 52,01,743		10,71,737		- 1	1,84,817		0	364 18,76,914			176,173	146,784	534,937

A.—Includes receipts of Calcutta and South-Eastern Railway, and 50 per cent. of receipts of Rengal Central Hallway, viz. Re. 4,874 and Re. 4,870 respectively apportuned over the several hands of trails.

13.—includes share of Rengal Central Hallway receipts due to Eastern Bengal Railway for working, viz. Re. 1,188, and Calcutta and South-Eastern receipts.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

Receip	TS YOU WEEK	ENDING 1886.		TO FOR WEEK NOVEMBER 18		lar	AL RECEIFTS FO APRIL 1983 TO NOVEMBER 1888	SED	157	TAL BECSIPTS P. APRIL 1884 TO VOVEMBER 1844.	1sr	Total	Total
Mean missiph worked.	Receipts.	Per mile worked.	Mess milesen worked.	Receipts.	Per mile worked.	Moan mileage worked.	Total receipts.	Per nilio worked.	Menn inlienge worked.	Total receipts.	Per mile worked.	increase in 1884.	4.002vmins. (10 1984.
268	24. 1,46,565	Ba.	850	Ra. 2,51,185	Ra.	240	R4- 81,00,409	Ps.	338	Ha. 81,70,978	Ra, 9,529	Re. 67,479	R4.

Eastern Bengal State Reliway 91

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffle for week ended 8th November 1884, on 350 miles open, including Calcutta and South-Eastern and Bengal Central Railway mileage.

1	COACHIN	o Trappi	c.	MERCHARE		PPIC.	KE.	L	Other earning (estimated).		Total		TRAFFIC	TRAIS-MIL	mon.
	Number of passengers.	Coachi		Weight carried,		Recei	pts.		meanshoop,		enruings.		Conditing.	Merchan- dise.	Total.
No.		Ba.	A. P.	Max.	n.	Ru.	al i	P	Rs. A. P	-	Es. A. 1	۲.			
or per mile of rallway	304.147 290	40,850 114	0 0	9,60,681 1,010		84,498			17,603 0- (1,48,361 0 849 0		12,710	11,467	26,178
For previous 16 whole of half-	1,406,180	5,95,598	0 0	69,48,014	0	18,09,461	Ô	0	1,49,683 0 (>	21,88,845 0	D	220,407	203,021	429,518
Total for 19 weeks	1,000,200	0,30,848	0 0	62,28,697	0	14,65,0,0	0	0	1,60,190 0 0	2	29,70,083 0	D	2809113	214,678	468,091
COMPARISON,															
B.—Total for corresponding week	72,207	40,278	0 0	8,07,480	0	09,521	0	0	11,040 0 (9	1,21,660 0	0	10,062	8,093	16,765
Per mile of radway correspond- ing period of previous year	273	153	0 0	1,109	0	205	0	0	ngg da		#19 O	0		.,	B16101
Total to corresponding date of	1,425,085	0,00,038	0 0	B5,00,171	0	11,41,888	0	0	1,90,882 0 (0	19,98,658 0	0	180,236	103,677	310,713

A. Turnides receipts of Calcuta and South-Eastern Rullway, and su purcent, of receipts of Bengal Central Rullway, viz., its. 0,155 and Ra. 5.6M respectively apportioned over the several heads of traffic.

11. "Includes share of Bengal Central Railway receipts due to Eastern Bengal Railway for working, viz., Rs. 1,105, and Calcuta and South-Eastern receipts, 8.6.60.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

R scrift	NOVEMBER 18	KND1KO 83.		TS FOR WEEK I		. A1	CRECTIPES PRO PRIL 1883 TO 10T NOVEMBER 1883	E	A	L RECEIPIS PHO PRIL 1884 TO ST NOVEMBER 1884.	la'	Total juggest in	Total
Mosn mileage worked.	Receipts.		Mean milenga worked.	Receipts.	Par mile worked.	Mean Inilmage worked.		Per mile worked.		Total receipts.	Par mile worked,	1984.	1894
	34	Ra.		No.	ila.		Re.	Ba.		Ra.	£4.	Sa.	Ha.
263	1,21,566	463	869	1,48,141	268	244	82,25,143	28,418	334	\$5,14,119	9,923	88,076	07 0-75

Increase in mileage

Hautern Bengal State Bullway Hencul Central Railway Miles.

Total ...

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 1st November 1884 on 126 miles open.

,	COACRIA	o Trappi	C.		MERCHANI		FFIC.		AL.	O. b	4					T'RAPP10	TRAIN-DIE	es atre.
	Number of passongers.	Conni			Weight emried.	-	Receip	rto,		Other en	ted	i).	Tnu carnis:		,	Conching.	Merclistz- clien.	Total
		Ra.	Δ.	P.	MDs.	ß.	Ra.	٨.	P.	Rs.	٨.	P.	Qu.	<u>.</u>	P,			
Total braffle for the week Or per mile of reliway For previous 17 weeks of half-	17,149 186	8,841 70			11,197	0	85 4		0	60		U	9,740 77		0	2,390	1,819	4,902
PORT IN THE SHEET OF THEIR	996,373	1,14,644	0	0	1,71,844	0	16,033	0	0	758	Ü	0	1,51,430	0	Ď	52,203	20,354	72,548
Total for 18 weeks COMPARISON.	313,521	1,23,486	0	0	1,88,478	0	16,687	0	0	798	0	Ú	1,41,170	0	ш	84,483	25,167	76,850
of previous year	10,227	1,000	0	0	23,651	0	458		0	96	ė	0	2,377	0	0	phe,	259	1,506
in period of provious year	999	54	6	1	847	0	33	1	Б	0	B	9	67	14	-81	*****	114 564	111741
bisariona Age;	171,155	76,589	0	0	2,50,579	0	8,465	9	0	691	Ð	0	87,435	0	0	26,974	\$,603	21,770

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

	NOVEMBER			November 1		A	LL ERCEIPTS FR PRIL 1883 TO S NOVEMBER 1883	ED CL	A	I. BECKIPTS PRO LPRIL 1864 TO 183 NOVEMBER 1884	r	Total	Total decrease in
Mean maileage worked.	Receipts.	Por tailo warked.	Mean tolluge worked,	Rocelpio.	Par mile worked.	Menn mileupe worked.			Mean milenga wurked.	Total receipts.	Per mile worked.	1384.	1884.
	Rs.	Ra.		Ra.	Ra.		Ra,	Ra.		Ra.	R.s.	Ro.	Ra,
88	5,877	68	136	9,740	77	38	68,195	1,691	1:25	1,77,728	9,488	5,11,483	*****

BENGAL CENTRAL BAILWAY.

Approximate Return of Traffic for week ended 8th November 1884 on 126 Miles open.

	COVORER	o Trayr	ic,	MERCHANI	RAP	AND MID FIG.	MEAL	Oth	ior car	nings	40			AIR-MIL	es rón.
	Number of passongers.	Court		Weight carr	led.	Recei	ota,	(4	at incat	ed).	Total car	rui alta	Conching	Mercher-	Total
		Re.	A. 2.	Mds.	6.	Ha	A, P,		Ba.	4. Pr	Re.	A. P.		1	- 4
Total traffic for the week	25,383 . 156	17,608 93	0 0	13,984 111	0		0 0	,	200	0 0	32,601 103		3,046	1,256	4,563
For previous 18 weeks of half-	\$13,531	1.23,485	0 D	1,82,475	0	16,887	0 0		700	0 0	1,41,174	0 0	54,688	23,167	70,980
Total for 19 weeks	896,908	1,35,093	0 0	1,90,427	0	18,100	0 0		868	0 0	1,54,001	0 0	67,7#9	25,503	81,282
COMPARISON.															
rotal for corresponding week of	10,080	1,840	0 0	91,010	0	532	0 0		13	0 0	2,884	0 0	908	806	1,108
ing period of previous year	197	63	0 0	001	0	18	0 0		415440		68	0 0		******	******
otal to corresponding date of	181,185	39,438	0 0	2,71,691	0	0,007	0 0		439	0 0	39,939	0 0	17,170	5,808	32,984

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Rollway.

-Baomer 1071	t November 1	BEDIF4 888.	RECEIE BESTE	TS FOR WHEE I	INDING 884.	Total April	жесетры уме 1883 до 1971 ини 1683.	NOVEM-	Torai April	RECEIPTS FR. 1894 TO STH 1 UER 1884.	OM 18T NOVEM-	Total increase	Total deus seo
Monn Mileoge Graed.	Recolpts.	Por mile worked,	Mean milease worked.	Raceipts.	Per mile worked.	Moon mileage worked.	Total receipts.	Per mile worked.		Total receipts.	Per mile worked	ın 1864.	in 1566
	No. 2,366	Eat. 06	190	Re. 12,891	Re. 105	85	Re., 68,570	Re. 1,989	195	Rs. 9,90,619	Rs. 9,896	2,82,010	. Ba

BENGAL PROVINCIAL RAILWAYS.

Weally Statement of Traffic Receipts.

Latest return		Length	Excure ton	WHEE ENDING	POTAL RACE:		Total		Parcentage
received	Name of Railway.	opun,	11pd September 1863.	20th September 1881.	To Sind Suplember 1884.		Increase in 1984	deormae in 1684.	of intrease,
1884,		Millon.	its, A. P.	Rs. 4. P.	Ra. A. P.	Ru. A. F.	Za, a, y,	Re, A. P.	4
27. h September Ditto	Northeta Bengal Tirticot Nathati	249 198 274	42,838 0 0 17,440 0 0 3,865 0 0	40,585 0 0 17,411 0 0 1,590 0 0	16,09,256 0 0 6,16,029 0 0 62,269 0 0	14,14,836 0 0 8,66,162 0 0 0 0 690.55	8,40,154 0 40	1,94,419 0 0 4,100 0 0	+40
1.	Total	4098	61,348 O 0	63,804 0 0	23,57,542 0 0	25,88,001 0 0	20,500 0 0		+ 2

BENGAL PROVINCIAL BAILWAYS.

Weekly Statement of Traffic Receipte.

Latest return		Length	Висигете вон	WEEK EXDING	TOTAL RECEIPTS FROM 18T	Total	Total .	Porcentes
received.	Name of Railway.	oper	29th September 1683,	17th September 1851.	To 19th September 1868.	in 1894.	MINCLOS NO	of increase or decision.
1884.		Miles.	12a, 4. P.	Ra. A. P.	Ec. A. P. Re. A. E	Re. A. 2	. Re. A. r.	,
17th September Ditto	III I I I I I I I I I I I I I I I I I	183 271	49,986 0 0 17,197 0 0 1,486 0 0	18,222 0 0 1,710 0 0	16,59,210 0 0 14,79,781 0 6,84,384 0 83,495 0 0 8,84,384 0	2.50,348 0	1,45,469 0 0 3,865 0 0	-11 +30 - 6
	Total	4 GUŞ	68,507 0 0	78,833 9 0	23,56,948 0 0 94,16,925 0	0 60,876 0	0	+ 5

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

					Ro.	₫.	P.
Rarnings for week ending 8th November 1884	441	701	***	841	11,481	0	0
Corresponding week last year	***	98.9	8+4		8,783	9	9
Increase	141	***	49.4	444 4	2,697	6	8
Receipts from 1st July to 8th November 1884	***	***	491	40.0		15	8
from let July to 10th sovember 1883	111	941	141	100	1,59,576	11	7
Increase	17,000	891	** *	441	6,024		10
14/1	-				202.1	les,	,
Miles open week ending 8th November 1984	***	MANA .	411	911		0	
Compaponding week last year	49.1	9.4	***	911	-	0	
Descripts was will some small stadios Och Norwhile	2004	•			Rs.	A.	Pi
Rescipts per mile open week ending 8th November	1034	464	440	8+4	229		21
Increase	***	***	111	110	der en	10	8
THE COMPE.	1146	4.0	441	114.6	63	10	2

DARFRELING, the 15th Navember 1884.

W. BINVERSON, Secretary.



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, DECEMBER 3, 1884.

OFFICIAL PAPERS.

Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Incolve Rupees if sent by Post.

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interior during the month of August 1884 Statement showing the values, quantities, and numbers of the principal staples of traffic exported inland from Calcutts during the month of August 1834 Hesults of the Meteorological Observations taken a the Alipere Chierratory from 23rd to 25th Nevember 1894 Meteorological Report of the Province of Bengal for the west anding Friday, the 3-th of November 1894 Statement of Rainfall in Bengal for the week onding Friday the 28th November 1884	2121 8422 9424	Statement kinneling the total amount of Tradic and Total on the Cornels classed as Productive Public Works for the month of Soptember 1884 Areas leased for Irregation up to the end of Soptember 1884 Ristement of Finalisation of Goods Tradic on the Northern Scarge State Earlway for the month of Ontober 1884 Tirlood State Railway Workly Return of Tradic Receipts on Indian Bailways	3435 2446 5447 5446

REPORT ON THE CALCUTTA AND EASTERN CANALS AND NUDDEA BIVERS FOR THE YEAR 1883-84.

GOVERNMENT OF BENGAL.

PUBLIC WORKS DEPARTMENT, IERIGATION ACCOUNTS.

Dated Calcuita, the 28th November 1884.

RESOLUTION.

READ-

The report on the administration of the Calcutta and Eastern canals and Nurdearivers for the year 1883-84, received from the Officiating Secretary to the Board of Revenue, with his letter No. 490B., dated the 26th July 1884.

Comparative statement of revenue and charges of Calcutta canals and Nuddea rivers for the year 1883-84, received from the Examiner of Public Works Accounts, with his endorsement No. 5800, dated the 25th June 1884.

Read again :-

Resolution No. 1932I.A., dated the 22nd Obtober 1843, on the administration report of the Calcutta and Eastern causis and Nuddea rivers for the year 1882-83.

RESOLUTION.—The resolution of the 22nd October 1883 was the first issued since the year 1872. It was on the report for the year 1882-83, but in it the results of the working for the ten preceding years were only briefly noticed.

2. It is observed that commencing with the month of April 1883, statements showing the amount of traffic and tolls on these canals and rivers are published monthly by the Public Works Department in the Calcutta Gozette for general information. The following abstracts which have been prepared from these statements show the traffic each month during the year 1883-84, as compared with that of the corresponding month of the previous year.

Calcutta Canals.

			Mr	-> 4-4-	WW - Solos		97-1	i oargo.		TONNAG	m oy Boats		1 604	lage.
Ma	MTU.		Number	OI DULLS.	A ORECT	of cargo.	ABITE	it outlint	Tot	ns.	Max	undip. ,		Melia.
			1982-33.	1885-64.	1888-83.	1583-84,	1682-85.	1383,54.	1882-88.	1863-84.	1899-85.	1883-64.	1862-83	A683-84.
OSECOLA	R CANAL	ėu.	No.	Wo.	Mela.	Mqr.	Ba.	Ro.	Tom.	Tone,	Hâs.	Bids.	E4. A. P.	Ra. A.
April		811	4,090	8,018	7,03,593	12.88,825	16,78,700	19,98,750	58,643	1.05.583	16.42.028	99,51,025	18,989 16 0	93,384 14
May		4 00	4,800	6,742	0.86,011	10,57,710	10,76,318	25,62,181	60,006	60,329	18,00,075	27,49,225	10,741 1 3 11,863 14 9	37,466 10
dune			. 4,080	6,647	6,42,361	12,67,106	9.441, 245	22.87.607	42,614	84.274	13,33,100	26,37,800	11,253 14 9	21,880 14
July	1 man	Atr '	E, 610	0,203	5,01,348	12,35,595	18,24,100	94,05,850	54,747	92,435	15,08,525	25,07,075	18,424 14 8	81,534 0
August Beptember	1 144	1-4	5,730	7,638	18,81,572	15,13,742	11,29,786	28,27,481	84,303	1, 181,403	17,44,655	32,59,775 89,87,075	19.765 4 3 21.387 5 9	24.755 8
f berterland		-91 =	7,580 8,360	9,118 10,416	18,05,300	78'20'844	\$0,60,125 33,46,936	\$ 6,70,41; 48,86,390	98.774 93.689	1,41,080	\$4,65,740 86 28,276	47,32,52B	21,387 \$ 0 22,490 6 0	83,978 8
November.	4 444	44 =	7,713	11,008	12,73,970	24,16,68A	30,91,700	60,5k1,2kk3	14 201	3.89,084	20,34,225	00,94,375	29,397 1 3	44,499 B
December			8,236	9,820	13,06,195	17,95,250	25, 12, 220	01,08,575	1,02,287	2.400.634	29.72.450	63,18,375	24.803 2 0	57,800 18
lanuary			9,510	12,543	19,88,965	24,62,609	38,43,4895	1,09,71,983	1,53,044	2.48.202	42,17,850	49,53,125	27,405 2 0	58,286 19
February		112	9,990	9,044	24,39,765	19,00,940	41,81,210	\$81,433,000	1,71,011	1,60,60.6	48, 13,800	40,10,428	41,689 8 8	40,042 8
March	***		10,070	7,490	221,47,580	17,38,637	800, 25, 260)	42,185,824	E,07.077	3,546,443	87,98,059	D3,95.800	47,813 1% p	81,010,18
Total Circui	ler Canal	H1-4	87,380	20, 168	1.00,88,680	2,07,57,363	3,02,56,810	5,05,05,938	11.81,648	17.41.787	8,50,7/4,050	4.92,72,460	2,82,283 4 9	4,07,005 13
TOLLY'S	NULLAT													
April		we k	6,611	4,995	6,86,537	6,00.870	6,05,108	7,28,711	71,672	49,976	20.00 Rts	16,08,775	23,739 4 5	9,519 6
liny		hen	6,620	0,030	0,84,801	8,20,906	7, K6, 297	14,30,400	01,232	44,013	18,00,175	18,02,028	12,562 11 8	7,398 3
upe	4	Det -	7,135	9,430	11,21.103	6,38,532	22,54,679	19, 19,898	84,718	40,004	25,65,700	12,85,475	36,009 11 6	7,876 6
tuly		p ===	9,990	8,170	12,17,249	8, 26, 590 7, 52, 5, 41	27,07,660 44,72,780	N, 001, 190 M	\$0,878 80,130	44,341 64,519	25,35,076 24,96,190	19,41,900	17.677 7 0	8,080 6
totilember.		4	3/3/30	6,105	12,85,288	8,52,270	16, 43, 500	30,72,230 30,38,353	93, 182	60,835	26,44,325	18,130,025	17.414 8 0 19.970 9 8	11,390 7
Schober	-44		21,166	7,717	11,89,501	8,150,060	16,64,827	23,45,048	1,14,770	09.692	82,14,375	17,N4,OSN	24,351 0 0	10,392 11
November	4 444		12,575	15,650-0	15,92,041	6,92,845	26,02,343	18,85,110	1,88,614	47,696	34,60,295	13,32,Bos	30,168 8 9	19,091 18
December		949	13,938	8,486	16,17,588	4,06,520	2 2, 41, 26%	35,48,242	1.41,945	00,121	89,74,880	16,70,006	84,822 8 0	12,028 1
THUSULARY		215	15,512	10,191	16.40.355	6,78,003	27,62,171	37,89,467	1,07,815	78,083	40,98,374	20.70.175	35,345 7 6	14,548 18
Vebruary	4 110		11,183	7,757	17,31,244	8,97,779	80,41,520	16,70,454	4,08,261	54,345	1,13,01,424	16,78,075	20,486 14 8	12,48d B
March	4 /11		R-Mag	5,961	8,58,170	7,87,711	13,13,413	14, 67, 232	05,748	04,740	17,37,175	18,13,505	14,795 3 6	8 230,11
Total Tult	y's Nullai	b	122,662	62,133	1,48,77,672	80,19,680	3,65,43,620	1,96,83,974	15,10,093	0,69,680	4,30,80,944	1,98,68,409	2.53,736 la 6	1,28,416 8
GRAND!	Toral	800 1	210,018	1,81,801	\$,09,09,842	2,57,77,048	5,66,10,630	7,01,09,919	27,01,741	24,11,413	7.01.05.094	0,81,34,9(4)	0,85,088 2 3	6,88,423 B

Nuddea Rivers.

				Number	of houts	Watcht	of cargo.	Value o	f narko.		TORRAG	E OF ROLTS.			chine		
主)ETE.			rejumer.	OJ OVEM.	41 ¢2 B tr b	du com Brit	1 2000	a amagar,	To	DR.	Man	ındı.		day.	100	
				1839-88.	1883-84.	1889-63.	1883-84.	3882-88.	1883	1882-88.	1585-84.	1882-85,	1883-54.	1862-83.		1.803-94	6
			4	No.	No.	Mds.	Mds.	Ra.	Ra.	Топи.	Tona	Mds.	M.da.	Bo. A. 1		Bt. a	
April 10		•		2,366	2,659	1,94,649	2,68,197	8,98,145	7,49,081	30,741	38,340	8,87,935	10,70,150	4,258 7	6	A,806	7 (
day			мг	2,330	8,287	1,41,114	1,44,933	5,74,594	4,88,877	17,468	17,519	4,88,860	4,89,000	8,12,1 3	0	8,369 2	8 6
lume	,			2,878	8,148	8,00,272	2,27,320	7,80,163	7,02,816	23,650	22,074	8,39,600	6,71,095	B,980 11		8,198 3	11
aly	ng 67	-4	de te	5,894	6,979	18,22,603	17,62,648	85,88,068	85,17,831	83,050	609,88	89,13,100	87,68,376	98,843.78	0	20,810	2 6
impost		н	604	9,741	20,007	22,07,463	94,92,068	52,01,877	62,54,102	1,90,999	1,88,412	\$1,88,490	16,04,489	87,678 0	0	43,00¢ (4 3
eptembar			***	5,440	10,506	20,52,259	25,69,789	35,89,218	\$9,74,162	\$8,937	1,20,500	45,49,413	58,94,546	85,089 11	0	44,986 (6 0
iniobor	m. 47			7,550	E,638	10,50,794	12,18,10\$	31,81,899	87,94,935	80,623	, 17,688	28,78,704	2,61,825	22,948 .0	0	35,900 25	3 0
forember	41		601 F	8,098	8,006	8,98,347	0,61,078	18,51,807	20,01,200	68,433	81,910	16,18,475	17,04,175	11,776 8	6	18,698 1/	A S
Denember	44	0-4	001	4,508	4,110	6,74,285	6,63,280	18,11,889	18,24,224	54,020	46,182	18.70,488	18,86,700	10,135 4	12	9,188 1	2 6
anoary		**		6,022	3,066	8,19,799	8,67,711	19,18,844	13,44,682	47,132	46,877	15,22,875	12,48,425	8,181 7		7,619 #	8 6
Polymonry		101		4,816	6,089	3,40,699	2,42,199	10,19,096	9,33,165	48,795	20,974	12,03,700	8,41,000	8,210 0	6	5,788 .	5 6
Martin	41 h	144	411	3,720	5,252	8,41,646	2,98,800	0,80,473	9,02,636	44,055	898,08	13,44,125	8,50,525	6,997 %	0	6,999 21	2 5
	Tota	n.T	p 4+	\$1,000	85,000	98,98,008	1,00,00,023	2,49,88,881	2,99,61,912	7,09,488	7,49,802	9,56,20,517	2,65,59,483	1,83,571 9	9 .	E,001,007 7	

3. The amounts in the column "tollage" of the foregoing statements are the earnings, and not the amounts actually credited in the accounts. The latter have been adopted by the Board in their remarks and statements.

Calcutta and Eastern Canals.

4. At the commencement of the year under review, a brief history of the Calcutta and Eastern canals and the new Chitpore lock prepared by

Mr. R. B. Buckley, who was, at the time. Executive Engineer of the Circular and Eastern Canals Division, was submitted by the Superintending Engineer of the South-Western Circle, when orders were given to remove these canals with effect from the 1st April 1883, to the category of Provincial Works for

which Capital and Revenue Accounts are kept.

5. The following statement shewing the Capital and Revenue Accounts for and up to the end of the year 1883-84 has been compiled by the Examiner of Public Works Accounts after consulting the Board. The accounts have not yet been finally accepted, but they are considered to be the best that can he prepared under the circumstances of the case. In the statement as now published interest on capital expenditure at the rate of 41 per cent, to the end of 1880-81 and at 4 per cent. subsequently has been charged. It will be noticed that the total cost (Capital Account) of the cauals up to the lat of April last was Rs. 52,51,534 and that the total receipts had amounted to Rs. 1,75,62,487, against which must be charged working expenses Rs. 65,04,960 and interest on capital expended Rs. 65,61,871, leaving a balance in tayour of the canals of Rs. 44,95,656. It is now proposed to carry out considerable improvements and extensions in the canal system, including the locking of Tolly's Nullah, which is a necessary adjunct of the proposed docks at Kidderpore, at a cost, as approximately estimated, of Rs. 65,00,000. This expenditure, however, depends on the possibility of arrangements being made to carry out the works from loan funds, as notwithstanding their undoubted remunerativeness, the canals have resulted in a net charge to the province during the last six years of Rs. 7,75,777, all expenditure capital and otherwise having been provided from provincial revenues. If it had only been necessary to meet the charge of interest on the capital outlay, in addition to working expenses, there would have been a net profit during the same period of Rs. 2,38,701.

Statement showing the Capital and Revenue Accounts of the Calcutta and Eastern Canals up to end of 1883-84.

•		CA	PITAI	A OCO	UNT.				K	EVENT	JE AC	COUNTS,			7
a a				T OHAR	- TOTAL					-	CHAR	RS.			
		2.0	****	AT CHAIN	Manor.						Indi	root charge	266,		
Trans.	Direct charges.	Capitalization of adiatorial of Jand revenue.	Loss by exchange,	Zenve and pension allowances.	Total.	Grand Total,	Interest clarges.	Recoipts.	Direct.	Capitalitation of abutantest of hard revenue.	Loss by exchange.	Leave and penaton	Total.	Grand Total.	Not revenue.
	Re.	B1.	Bu.	Ra.	Ha.	Ra.	Rs.	Rs.	Ra.	Ru.	ELs.	Re.	Ea.	Re.	Rs.
obtained from Board of Revenue, Lower Provinces.	94,01,0199		# 10	twd his		24,91,012	23,90,814*	80,17,197†	13,63,615+		-++			18,03,6151	00,18,486
Atitica Works Depart- 1801-19 1801-19 1801-19 1801-19 1801-19 1801-19 1801-19 1801-19 1801-19 1801-79	73,060 50,486 1,93,637 42,-00 255,247 74,958 1,232 24,151 12,159 17,070 27,416 20,750 25,947 52,948 14,143 1,53,127 2,54,183 1,14,43 1,54,425 2,50,03 1,61,237		0-02 0-02 0-02 0-02 0-02 0-04 0-04 0-05 0-05 0-05 0-05 0-05 0-05	2,538 5,578 1,867 1,919 919 919 931 371 371 372 626 644 606 2,065 2,665 2,640 0,817 2,145 0,297 8,145 0,297	7,038 8,038 1,947 993 81,1947 993 81,21 233 331 331 723 624 424 638 800 9,045 8,340 6,517 13,381 8,140 9,577	76,508 18,990 1,20,894 48,779 80,243 16,171 1,218 24,522 18,263 18,140 22,170 26,617 26,103 14,607 1,48,633 2,60,603 4,50,238 3,21,351 1,55,624 52,631,634	1,17,740 1,17,770 1,17,770 1,20,290 1,20,290 1,20,495 1,2	6,02,791 5,88,590 667,289 8,69,433 5,10,170 3,17,077 3,50,339 3,12,040 3,20,440 3,20,440 3,20,440 3,20,440 3,20,440 3,20,440 3,20,440 3,20,440 3,44,543 4,44,543 4,44,543 4,44,543 4,44,543 4,44,543 4,44,543 4,44,543 4,44,543 4,44,543 4,44,543 4,44,543 4,45,543 6,64,144 6,64	2,20,630 1,61,449 2,25,340 1,69,725 1,67,459 1,67,459 1,67,359 1,77,554 1,74,359 1,74,530 1,74,630 1,74,630 1,70,645 1,70,656 1,70,666 1,70,6	100 100 100 100 100 100 100 100 100 100	- 60 - 61 - 62 - 63 - 63 - 64 - 64 - 64 - 64 - 64 - 64 - 64 - 64	2.008 4.102 2.757 8.138 5.958 9.015 2.638 6.552 7.614 7.625 0.328 4.447 1.730 1.730 1.730 1.750 1.770 1.770 1.772 2.907 1.772 2.907 1.772 2.907 1.772 2.907 1.774	2,080 4,192 7,67 7,190 8,1658 6,167 6,167 6,167 11,705 4,467 6,171 11,705 6,171 11,705 1,167 11,705 1,167 11,467 1,167 1,169 1	1,89,612 1,55,611 1,85,616 1,72,005 1,86,086 1,70,57-4 1,00,702 1,86,000 1,49,000 1,40,000 1,40,000 1,40,000 1,	\$,79,980 8,81,376 2,31,190 1,91,017 3,10,388 8,10,118 6,10,118 1,01,128 1,01,128 1,01,128 1,01,128 1,01,128 1,01,138 1,0

6. Turning to the operations of the year, the revenue has remained nearly stationary, the total receipts having been Rs. 5,64,101 against Rs. 5,64,194 received in the year previous. There has, however, been a very considerable reduction in the working expenses, as the expenditure on renewals debitable to revenue account has been Rs. 7,771 only against Rs. 1,11,985, expended on similar works in the previous year. The final result thus shows a net revenue of Rs. 3,32,070 against Rs. 2,37,297 for 1882-83. In the detailed statements given at paragraph 2, it will be noticed that the tollage received from boats using Tolly's Nullah is markedly less than that collected in the previous

year, whilst there is a corresponding increase in the receipts from tolls on boats using the Circular Canals. This is explained by the fact that the Chitpore Lock, leading into the river Hooghly, was open throughout the year, whilst in the year preceding Tolly's Nullah formed the only outlet into the river up to

the middle of February when the Chitpere Lock was opened.

7. The number of boats on which tollage was paid during the year was 1,81,301 against 2,10,018 in that preceding, being a decrease of 28,717; this falling off is attributed to the short crop of jute and rice in the districts served by the canals. It is noticeable that of the decrease no less than 20,240 was in boats of under 25 maunds burden. The Commissioner of the Presidency Division rightly remarks that some increase in the traffic might fairly have been looked for, considering the increased facilities for through communication with the Hooghly afforded by the new Chitpore Lock; and there has in fact been an improvement in almost all items except those affected by the bad crops of last year. Some particulars regarding these are given below.

Circular Canals and Tolly's Nullah.

										OF BOATS.	WRIGHT O	F CARGO.	Toll	AUB
		Nan	TED (OF CA	X80.			-	1892-88,	1868-54	1,882-89.	1888-64,	1592-35,	1888-84.
									No.	No.	Mds.	Mds.	Ro.	Ba.
Ries and p Jute Wheat	mddy			H11	- н	D-1 P	****	24.1	10,400	37,374 5,673	93,44,781 46,02,440 33,700	89,51,816 98,10,887 10,850	1,88,149 05,631 027	1,12,146 52,356 156
Cond	170	# 690 # 690	***		177		404	111	2,490 1,250	4,761	14,76,277	9,85,680	\$1,590 16,761	27,841 17,868
Balt Finewood	+44	***	F+1			4	114		12,523	10,694	\$0,19,013 45,71,300	20,18,863 41,75,963	83,915 67,930	35,68 60,60

8. During the year a Committee was appointed to report on the working and management of the canals and was engaged from November to beyond the close of the year in enquiring into matters connected therewith. The Committee's report has, it is understood, been submitted to the Board of Revenue, and will be considered by Government later on. In the meantime the Commissioner states that the transfer of the toll station from Bailiaghatta to Dhappa sanctioned on the recommendation of the Committee has been found to work well. A new form of ticket has also been experimentally introduced. It appears that the number of uncollected tickets has fallen off during the year from 5,459 to 3,086. The large number of missing tickets is not satisfactory, and the subject should receive the Board's attention in forwarding the Committee's report for the orders of the Lieutenant-Governor.

Nuddea Rivers.

9. The net revenue derived from these rivers for 1883-84 has amounted to Rs. 77,559 against Rs. 66,293 received in 1882-83. The total expenditure including Public Works charges was Rs. 1,25,275, being an increase of Rs. 8,601 over that incurred in the previous year. The increase in the collections which was general as regards the toll stations on the Bhagiruthee and Mathabangha rivers is said to be due to (1) the good state of the river Mathabangha in the earlier part of the year, (2) changes in the locations of the toll stations, and (3) careful supervision of the measurements of the boats; whilst the decline in the receipts from the Jellinghee river was owing to the early and unusual fall in the river. The Mathabangha was kept open throughout the year for empty boats by extra expenditure and constant attention on the part of the Public Works staff. A line of steamers under native agency ran from Calcutta to Kutwa during the rainy season of the year; and the number of steamers and flats passing up the Mathabangha river increased, owing to the Assain Trading Company's vessels using this route for the first time. It does not appear whether the obstruction to traffic at Hanskali noticed in the Commissioner's report was brought to the notice of the Executive or Superintending Engineer.

10. The acknowledgments of the Lieutenant-Governor are due to the Board of Revenue and the Commissioner of the Presidency Division for their valuable reports. Their remarks on the conduct, during the year, of the officers

serving under them have been noted.

By order of the Lieutenant-Governor of Bengal, J. M. Moneille, Lieut. Col., n.n., Joint Secretary to the Government of Bengal.



EXPERIMENTS MADE IN FRANCE AND GERMANY FOR THE PREVEN-TION OF CATTLE-DISEASE BY INCOULATION.

The following papers are published for general information.

COLMAN MACAULAY,

Secretary to the Government of Bengal.

CADOUTTA, the 1st December 1884.

la r

No. 88-2-12C.B., dated Simla, the 17th September 1884.

From—R. G. Thomson, Esc., Offg. Under-Secretary to the Govt. of India, Revenue and Agricultural Department,

To—The Secretary to the Government of Bengal.

I am directed to forward, for the information of His Honor the Lieutentoppatch from the Secretary of ant-Governor, a copy of the despatches noted in the margin, with enclosures (but without the margin, with enclosures (but without the pamphlets referred to, of which no spare copies are available), relative to experiments made in France and Germany for the prevention of cattle-disease by inoculation.

No. 45 (Revenue), dated India Office, London, the 18th June 1884.

From—The Right Hon'sle the Earl of Kimberley, Her Majesty's Secretary of State for India.

To-His Excellency the Most Hon'ble the Governor-General of India in Council.

BEFFERENCE to the letter of your Excellency's Government, No. 1 of the 22nd January

From the Foreign Office, 24th March 1884.

N. Pasteur to Lord Lyons, 10th March 1884.

"Le Charleman."

"Le Charleman et la Vacaination Charlemanse" par M.

Chamberland.

1884, on the subject of the prevention of cattle-disease by inoculation, I forward for your consideration, and for communication to the Government of the Punjab, copies of the corre-

Chambelland.

Lord Lyons to Earl Granvilla, 90th March.
To the Agricultural Department, 30th April.

From the Agricultural Department, 15th May.

Machorandum by Mr. Brown.

Pamphlet by Mr. Brown.

By Dr. Willems.

Government of the Funjah, copies of the margin.

2. I shall be glad to learn the result of your consideration of this important aubject, and also what success attended the trial of the vaccine provided by M. Pasteur on the

occasions alluded to in the enclosure of his letter.

Dated Foreign Office, the 24th March 1884.

From-EDMOND FITZMAURICZ, Esq., To-The Under-Secretary of State for India.

Land Lycos, No. 60 (Communical).

M. Parisur.

Book.

How directed by the Secretary of State for Foreign Affairs to transmit to you, to be laid before the Earl of Kimberley, with reference to your letter No. R. S. and C. 347 of the 29th ultimo, a despatch from Her Majesty's Ambassador at Paris, enclosing a copy of a letter from M. Pasteur with two sub-enclosures, giving

information as to inoculation against cattle-disease.

45 Rue d' Ulm, Paris, the 19th March 188s.

From-L. PASTEUR, Esq., of the French Institute, To-Lord Lyons.

I may the honour to acknowledge receipt of your letter of the 15th March instant, in which you ask me, at the instance of the East India Government, the means to be adopted for the prevention of cattle-diseases in the Punjah, specially the splenetic fever due to the presence of the bacillus anthracis.

2. This problem has been well tested and finally solved by the French in a most efficacious manner by means of a double insculation made after an interval of from 12 to 15 days of liquids called "vaccins charbonneaux," which are prepared by the help of the basillar archerois and which attenuates by two degrees its fatal virulence.

bacilius anthracis, and which attenuates by two degrees its fatal virulence.

3. The book enclosed, entitled Le charbon et la vaccination charbonneuse is composed by Mr. Chamberland from data obtained from my laboratory, and the information therein given will make you acquainted with the method of mitigating or attenuating the deadly virus, and the first results obtained in France in the years 1881 and 1882.

4. Though these last results are very satisfactory, those of the year 1883, by a progressive improvement of the means adopted, are even much more so. The rate of mortality due to vacquation alone cannot be more than one per thousand on five hundred thousand vaccinated eattle (viz. bullocks, sheep, cows, and horses).

Can we transmit to India the practice of vaccination and expect the same good results as in France? Certainly, but on one condition, and that is, that in India the same method must be followed as in France, and by that I understand that they shall make use objectly of good and freshly prepared "vaccius."

In other words, if such an establishment for the preparation of good "vaccine" could be created in India, the results obtained would be the same as those realized in France, but as the "vaccins" under consideration undergo a change in time, and lose their efficacy if they are kept by for a long time, it is always easy to renew them and restore them to their former condition, even in India, after an interval of the time required for transmission from Paris to that far-off country.

We could then despatch from France to India the necessary seeds to supply the email establishment which I have referred to, and an intelligent young man somewhat conversant with chemical studies, could come and familiarise himself with the cultivation of the "vaccine" by remaining, in the first instance, two or three weeks, or a month at most, in my

Paris Laboratory before proceeding to India,

7. There is another way open, and that will consist of reproducing in India, ab oven, all the manipulations and indispensable ingredients for the production and preservation of the two "vaccins," by following the instructions laid down in my publications inserted in 1881 in the Compte rendues of the Academy of Sciences.

I fancy, however, that this mode of procedure would be a task of great difficulty. Nothing is easier than to obtain the bacillus anthracis attenuated and vaccinal; but that which is of the utmost importance is the test of its efficacy on the flocks, and as such indispensable, in order to establish the exact state of the vaccinal virulence of the two " vaccins."

8. All this has been done previously with the greatest care in my laboratory, and need not be repeated as far as France is concerned. We always make use of the same "vaccine" renewed by cultivation for the requirements of the French cultivators,

9. I advise you to adopt the same method for India, that is to say, the same French

Vaccina."

In conclusion, I would advise you to send to Paris a young man who would learn in my laboratory the cultivation of "vaccius." He could then proceed to India and erect a small establishment according to the instructions which I shall give him. He could even bring away from France all the necessary material for this establishment, which are not at all complicated, and would only cost at the outside not more than 5 or 6,000 francs.

In my Paris laboratory the seeds of the "vaccine" and even the liquids for cultivation are all ready for sowing, and these could be despatched according to your Indian

requirements.

Should you wish for greater details, I shall ask Mr. Chamberland, to whom I have entrusted the use of "vaccine charbonneaux" to put himself in communication with any person you may be pleased to appoint.

Herewith enclosed-

1. The work above indicated.

2. List of "vaccins," already sent to India, with the date of despatch.

I have not yet received any information on the results arrived at.

" Vaccins" sent to India.

The 15th June 1882.-Mr. Nisbet, Conservator of Forests, Rangoon, Pegu Division, British Burma 50 elephants. The 27th July 1883 .- Messrs. Wallace Brothers, 6 Austin Friars, London, for the East Indies ... 250 elephants. The 20th December 1888.—Mr. Cowerin, Kharefors, Cachar, East Indies 60 bullocks.
The 20th December 1883.—Mr. James Hunter, Inspector of Cattlediseases at Madras, East Indies ... 2,000 sheep.

No. 80, dated Paris, the 20th March 1884.

From-Lord Lyons, Her Britannic Majesty's Ambassador at Paris, To-The Secretary of State for Foreign Affairs.

With reference to your Lordship's despatch No. 39 (Commercial) of the 6th instant. asking for information embodying the results of 1. From M. Pasteur, 18th March 1884.
2. Le Churbon et la Vaccination Charbonnesse
par M. Charobertand (a book).
3. Lists of Vaccina stready sent to india.
4. Conv. of a letter which I have a received. a copy of a letter which I have received from M. Pasteur, the eminent Physiologist. M. Pasteur, whose kindness and quickness in answer-

ing enquiries which I addressed to him, I need hardly point out, states that the means for preventing cattle-diseases, and especially splenic fever due to the presence of the bucillus antaracis, have been discovered and successfully applied in France. He forwards Mr. Charles Chamberland's book entitled "Le Charbon et la Vaccination Charbonneuse," which I beg to enclose, and says the results of the years 1881 and 1882, which it embodies, are surpassed by those of 1883. M. Pasteur thinks that the practice of vaccination can easily be extended to India, provided good "vaccins" freshly prepared are used in every case. That object can be attained by creating an establishment for the preparation of "vaccins" in

India. For that purpose he suggests that an intelligent chemist should be sent to his laboratory for a month, who would be able within that time to acquire the necessary experience before starting to found the establishment in India. He considers this course preferable to the alternative course of making successive experiments for the attenuation of virus as done by himself in this country.

The person to whom the Indian establishment might be entrusted would be able to obtain from M. Pasteur all the elements required for the purpose at an expenditure not exceeding 5 or 6,000 france (£200 to £240). He could always have the vaccins and liquids for

cultivation of the bacillus anthracis from the Pasteur Laboratory.

Dated India Office, the S0th April 1884.

From-J. A. Goden, Esq., c.s., Under-Secretary of State for India, To-The Chief Clerk, Veterinary Department, 44 Parliament St., S. W.

I am directed by the Secretary of State for India to forward, for your information. Letter from the Government of India of 23nd January 1884, with copy of the correspondence marginally Jetter to the Foreign Office of 20th February 1884.

Letter from the Foreign Office of 20th March 1886, with accompaniate to the foreign Office of 20th March 1886, with accompaniate to good as to favour His Lordship with the opinion of the Veterinary Department whether it will be desirable to recommend to the Government of India to give effect

to the proposals conveyed in M. Pasteur's letter of the 19th March.

Lord Kimberley would be glad to learn to what extent, and with what success, inoculation

has been tried in this country as a remedy against cattle-disease.

I am to add that it would appear that M. Pasteur's system is prophylactic, chiefly egainst anthrax or splenic fever, a disease which is not the most destructive among cattlediseases in India.

> Dated Privy Council Office, Westminster, S. W., the 15th May 1884. From-C. L. Pret, Esq., To-The Under-Secretary of State for India.

I have submitted to the Lords of the Council your letter of the 30th ultimo, transmitting copies of correspondence from the Government of India seeking information concerning the practice and utility of inoculation for cattle-diseases, and I am directed in reply to transmit to you a copy of a memorandum (with enclosures) on the subject by the pro-fessional officer of this department.

Memorandum referring to the communication from the India Office, dated April 30th, 1884.

In this country inoculation for cattle-disease has been chiefly confined to contagious There is a great deal of difference of opinion as to the extent and durapleuro-pneumonia. tion of the protective effect of the operation. The results of my own enquiries and experiments are contained in the extracts which I enclose.

I also forward m pamphlet by Dr. Willems, who first employed the operation in Belgium. When sheep-pox appeared in this country in 1846, inoculation was practised to some extent, and it was found that the mortality from the disease was much reduced. In subsequent outbreaks, however, the disease was estinguished by slaughter of the diseased sheep and frequently of those which were in contact with them.

Inoculation for cattle-plague has not been adopted in this country, and inoculation for anthrax has only been carried on here experimentally, as the disease has never prevailed

extensively among our stock.

G. T. BROWN.

14th May 1884.

No. 58(Revenue), dated India Office, London, the 24th July 1884.

From-The Right Hon'ble the Earl of Kimberley, Her Majesty's Secretary of State for India,

To-His Excellency the Most Hon'ble the Governor-General of India in Council.

In continuation of my despatch No. 45, dated 12th June last, I forward herewith, Letter to Foreign Office, dated 28th February 1884. for the information of your Excellency's Government, copy of further papers noted in the margin from ditto "25th
No. 347 R. S. & C., dated India Office, London, the 29th February 1884. From-J. A. Godley, Esq., c.B., Under-Secretary of State for India, To-The Under-Secretary of State for Foreign Affairs.

I am directed by the Secretary of State for India in Council to forward, for submission to Earl Granville, copy of a letter from the Government of India, No. I (Revenue and Agricultural Department), dated 22nd January last, requesting to be furnished with any information

which may be procurable, embedying the results of investigations made in France and where regarding the prevention of cattle-disease by inoculation.

I am to request that, in laying these papers before His Lordship, you will move him to cause the necessary enquiries to be made on the subject for communication to the Government of India.

Dated Foreign Office, London, the 6th March 1884.

From-Lord E. FITZMAURICE, Under-Secretary of State for Foreign Affairs, To-The Under-Secretary of State for India.

I AM directed by Earl Granville to acknowledge the receipt of your letter dated the 29th ultime (No. 347 R. S. & C.), with its enclosure, containing an application on the part of the Indian Government for any information which may be promusable, embodying the results of investigations made in France and elsewhere regarding the prevention of cattledisease by inoculation.

l am in reply to state, for the information of the Earl of Limberley in Council, that Lord Granville has requested Her Majesty's Ambassador at Paris to take steps with a view of procuring the particulars on this subject desired by the Government of India, so far as France is concerned.

I am to add that upon receipt of further copies of the Indian Government letter, with an intimation as to the particular countries (besides France) to which enquiries on the matter in question should be addressed, Lord Granville will be happy to issue further instructions to Her Majesty's Representatives thereon.

> No. 495 R. S. & C., dated India Office, London, the 25th March 1884. From-J. A. Godley, Esq., c.s., Under-Secretary of State for India, To-The Under-Secretary of State for Foreign Affairs.

Wife reference to Lord Edmond Fitzmanrice's letter of the 6th instant, I am directed by the Secretary of State for India in Council to forward two additional copies of the despatch from the Government of India, No. 1 (Revenue and Agricultural Department), dated

22nd January last, regarding the prevention of cattle disease by inoculation.

I am to add that the Earl of Kimberley is unable to state with certainty what are the particular countries besides France in which enquiries on the matter might advantageously be made. It is evident, however, from the last enclosure in the above mentioned despatch that considerable attention has been directed to the subject in Germany, and the researches made in that country would doubtless prove of service to the Government of India.

Bated Foreign Office, London, the 28th June 1884.

From-Lord E. FITZMAURICE, Under-Secretary of State for Foreign Affairs. To-The Under-Secretary of State for India.

With reference to your letter dated the 25th March last (No. 495 R. S. & C.), I am directed by the Secretary of State for Foreign Affairs to transmit to you, to be laid before the Lord Ampthill, No. 76 (Commercial), dated 21st June. Secretary of State for India in Council, the accompanying despatch, with its enclosures. from Her Majesty's Ambassador at Berlin, containing information regarding the results of experiments made in Germany for the prevention of cattle-disease by incoulation.

No. 76 (Commercial), dated Berlin, the 21st June 1884.

From—Lorn Ampunill, c.c.s., Her Britannic Majesty's Ambassador at Berlin, To—The Secretary of State for Foreign Affairs.

In reply to your Lordship's No. 30 of this series of the 29th March last, I have the honour to enclose herewith, in copy and translation, a note which I have received from the German Minister for Foreign Affairs, embodying the information which I was instructed to obtain for the Indian Government in regard to the results of any experiments made in Germany for the prevention of cattle-disease by inoculation.

The four printed enclosures in Dr. Busch's note, herewith enclosed in original, contain

all the available information respecting the experiments made in Prussia and' in Brunswick

by inoculation on the " Pasteur" system.

The system seems not to have been tried in any other German State.

Translation of a note by Dn. Busce, German Minister for Foreign Affairs,—(dated Berlin the 17th June 1884.)

The undersigned has the honour to forward the following information to Lord Ampthill, Her Britannic Majesty's Ambassador Extraordinary and Plenipotentiary, in reply to his note of the lat April last, respecting the scientific enquiries and practical experiments instituted in Germany with a view to the prevention of cattle-disease by inoculation.

An investigation directed by the Prussian Minister for Agriculture, Domains and Porests, into the effects of inoculation of pulmonary disease, is described at length in the article of the Archives of Scientific and Practical Veterinary Research, of which a separate printed copy is hereto annexed (cuclosure A.)

The use of the ordinary inoculation of pulmonary disease remains at the present time as

much an open question as 30 years ago.

Various experiments have been made in Prussia on the effects of inoculation of aplenic

fever according to the treatment of Pasteur.

(1) On the Packesch domain in the province of Liebenweida. The experiment is described in enclosure B. At the conclusion of July 1st, 1882, there were on the catablish-

(a) Inoculated-

83 head of cattle.

145 sheep and 121 lambs.

(b) Not inoculated ---

122 sheep and 93 lambs.

Of these, up to May 14th, 1583, there died of splenie fever-

2 head of inoculated cattle.

4 inoculated sheep.

10 uninoculated sheep.

The experiment was repeated in the year 1883.

In May 1883-

82 head of cattle,

176 sheep and 147 lambs

were inoculated, while

2 head of cattle.

50 sheep and 56 lambs

remained uninoculated.

In consequence of the inoculation 4 sheep died. Up to the end of March 1804, there died of splenic fever-

I beast which had been inoculated. I beast which had not been inoculated.

Among the sheep no splenic fever occurred.

In pursuance of instructions from the Minister of Agriculture, Domains and Forests,

a second repetition of the experiment is taking place at the present time.

(2) On the Dhome property, in the province of Kroben, there were inoculated in the months of June and July 1882-

247 head of cattle.

703 sheep.

4 horses.

Of these there died in consequence of the inoculation 26 sheep and 1 calf.

Further, of the animals inoculated, there died up to June 1st, 1888, of splenic fever-

4 head of cattle.

9 sheep.

In December 1882 there were inoculated

321 sheep and

24 head of cattle,

which had been bought since the month of July, and added to the stock.

Of these, 2 shorp died in consequence of the inoculation.

In March 1888 were inoculated-

243 въсер,

10 calves,

and in December 1883-

106 sheep, 18 calves.

Of the whole number of inoculated beasts between July 1883 and the end of February 1884, there died of splenic fever-

2 head of catt'e.

7 sheep.

(3) On a property in Gossleben, in the province of Eckartsberg, there were 81 head of cattle inoculated on the 31st July and the 14th August 1882. Of these there died in January 1889, 2 beasts; in March 1888, 1 beast.

Of thirty-three head of cattle inoculated on an estate in Cannowurf, in the pro-(4) vince of Eckartaberg, in September 1882, two died of splenic fever in May 1883.

The result of an experiment in inoculation at Salzdahlum, in the Duchy of Brunswick,

has not been completely ascertained.

More exact information as to the inoculatory experiments at Dhonie and at Cannowurf, as well as a short communication on the inoculation at Salzdahlum, will be found in enclosures C and D.

In the non-Prussian Federal States, in which inoculation has been tried at all, with the exception of the experiments described in the enclosure, which was made at Salzdahlum in the Duchy of Bruoswic k, the process followed has been the usual form of treatment which has obtained in other countries, and also in England, but more modern investigations and experiments have not been set on foot there.

The undersigned, in transmitting the enclosures, referred to, avails himself, &c., &c.

No. 82 (Revenue), dated India Office, London, the 25th September 1884.

From-The Richt Hon'ous the Earl of Kimberley, Her Majesty's Secretary of State for India.

To-His Excellency the Most Hon'ble the Governor-General of India in Council.

In continuation of my despatch No. 58, dated 24th July 1834, I forward herewith, for the information of your Excellency's Government, a copy of a further letter from the Foreign Office, dated 30th August 1884, with accompanying correspondence, regarding the treatment of cattle-disease in Austria.

Dated Foreign Office, the 30th August 1884.

From-T. V. Listes, Esq., Under-Secretary of State for Foreign Affairs, To-The Under-Secretary of State for India.

I am directed by the Secretary of State for Foreign Affairs to transmit to you, to be laid before the Earl of Kimberley, with reference and in reply to your letter of March 25th, a despatch as noted in the margin, respecting cattle-

disease in Austria,

No. 46 (Commercial), dated Vienna, the 22nd August 1884.

From-Sin A. Pager, Her Majesty's Ambassador at Vienna, To-The Secretary of State for Foreign Affairs.

With reference to your Lordship's despatch No. 9 of this series of the 28th of March last, forwarding a copy of a letter from the Indian Government, applying for information embodying the results of investigation regarding the prevention of cattle-disease by inocula-

Translation of notes of 8th August. Pamphlet. tion, so far as Austria is concerned, I have the honour to forward to your Lordship a translation of Count Kalovsky's answer to the note which

I addressed to His Excellency on the subject on the 2nd April last, with its enclosures.

Translation.

On receipt of the honoured note of the 2nd April last, the Imperial and Royal Ministry for Foreign Affairs requested the respective Ministries of both sections of the monarchy to give information respecting the results obtained by the trials made in Austria-Hungary to prevent animal discusses by inoculating.

The Imperial and Royal House Ministry (Austria) accordingly gave the following

information :-

On the proposition of the Austrian Veterioarians, inoculation was admitted in the Law of the 29th of February 1880, R. G. B. 35, respecting the prevention and suppression of contagious animal diseases, only as far as regards pulmonary contagious diseases amongst horned cattle, and on impending contagious diseases, namely, pox amongst sheep. Respecting pulmonary contagious disease amongst horned cattle, paragraph 28 of the above law; and the Ministerial Ordinance of the 19th of March 1883, R. G. B. 35, respectively enact that the inoculation of pulmonary disease must only take place in stables already infected by this disease (inoculation in extremis) and in farms of infected villages threatened with the disease (precautionary inoculation) on the demand of the proprietor of the cattle at his risk and under the supervision of the Official Veterinarian, and provided that the decreed measures for isolation do not thereby suffer.

Respecting the contagious sheep-pox, paragraph 80 of the above law enects as

follows :-

"In case the appearance of this disease has been declared, and when the isolation of the sick animals from the sound cannot take place, or in case sickness amongst a flock acquires larger proportions, the inoculation (in extremis) of the animals still free from infection is to be carried through.

"On impending danger of the infection being carried to neighbouring flocks, the dis-

trict authorities are authorized to order that such flocks may be inoculated.

"The proprietor of a flock requires, for the precautionary inoculation of his flock, the authorization of the district authorities with respect to veterinary police measures, the inoculated sheep are to be treated exactly like those infected by the pox.

"The slaughtering of sheep infected by the pox for the purpose of meat consumption

is prohibited."

The inoculation in extremis of the contagious pulmonary disease was indeed tried in several provinces, as for instance, in Lower Austria, Moravia, and Gallicia. The results, however, obtained by such inoculation have not been represented as having been of a favourable nature.

No precautionary inoculation of this disease has taken place, nor any scientific nor experimental investigations according to Pasteur's system respecting the inoculation of the contagious pulmonary disease and the mortification of the spleen. It is, therefore, impossible to give any information derived from experience respecting the same.

The pox was noticed in 1880 and 1881 only in the Provinces of Lower Austria and of Dalmatia. Well tended, the animals easily got over the sickness, and neither inoculations in extremil nor as a precautionary measure took place, the isolation having been found sufficient for preventing the apread of the sickness.

The Royal Hungarian Ministry of Commerce reported that in Hungary the inoculation of the animals according to Pasteur's system has been tried by several veterinarians and lauded estate proprietors, whereby only very moderate results were effected. The said Ministry also transmitted two publications, of which, the one in German, by Dr. Azary, treats of the precautionary inoculation against the mortification of the spleen, and the second by Mr. Jacob, written in the Hungarian language, treats of precautionary inoculation against contagious pulmonary disease.

The undersigned, having the honour to report this to His Excellency Sir Augustus Paget, and enclosing the two above-named publications, embraces this opportunity, &c., &c.

(Sd.) PASETTI.

Cir. No. 123 (Cattle Breeding and Cattle Disease) dated Simla, the 1st November 1884.

Endorsed by—The Government of India, Revenue and Agricultural Department.

Corr forwarded to the Government of Bengal, for information, in continuation of the endorsement from this Department, No. 38, dated the 17th Suptember 1884.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 29th November 1884.

	No.	District, au		ite of		at Sudder Station in unches.	
3 R.	NGA	L.					
		Western D	hister	iola.			
		Dundman	Not	. 29	184	30711	
	/ 1	Burdwen, Curea	TAIDA	. 200	171	NII	Weather—seasonable. Prospects of amon paddy in Rannegunge and part of Sudder sub-division fair, vary bad in some parts, and in the rest of the dist
		Cutwa			***	Mil	indifferent. Prospects of rabbee generally good. The tendency to fall in
	2	Ransegung Bankoora,	22	29	20	Nii	price of rice generally continues. Public health fair. Weather—bright and cold. Haimasti paddy belog resped in places. Wheat, gr
	1						mustard, barley, cotton, &c., now on the ground, are looking luxuris
							Sporadic cases of fever are reported from the Bishcapare sub-division, others public health good.
	3	Beerbhoom.	Laus	29	10	Nil Nil	Weather-cool and fine. Harvesting of amon even about to begin; prospects
- (Zamporo				7411	outturn improved, but are much below those of an average year. Sugara doing well. Prospects of other rubbes crops satisfactory. Prices of food-gra
	4	Midnapore,		29	,,	Nil	lower than before. Cholera in some places, general health otherwise good. Weather—zeasonable. Amus puddy is yielding a good custum. Prospects
						****	winter crops fair. Cholera is reported to have broken out in thanas Bhages.
1	6	Hooghly,	10	20	21	Nil	pare, Raghunathpore, and Potsapore in the Contai sub-division. Weather—cold, fine, and seasonable. Prospects of crops good. Prices are fall.
I							Fever prevails generally and outbreaks of cholors are reported from seve
١			Dec.	2	,,	Nil	parts of the district. Weather—fine. Prospects of crops good. Amen paddy is being reaped.
		Ootooberia	L		411	Nil	
		Contral Di	atric	ηĹα.			
	. 6	24. Pergha.	Ωαο.	. 1	'84	Nil	Weather-sensonable. Harvesting of paddy going on with an outtorn vary
1						7411	from 12 to 16 annua. The grap as a whole is decidedly above the average. Pr
1							pects of winter crops favourable. Public health good. Fever is reported fr.
ı	7	Nudden. Looshten	Nov.	. 29	00	Nil	Weather-cool and seasonble. Cold-weather crops still are promising well.
١		Meherpore			171	Nil	
		Choosdangs Ranaghat	h		***	Nil	
4	В	Khoolus,	39	29	11		Weather-cool and bright. Harvesting of paddy going on favourably. Choi
l	9	Jessore,	as	29		2711	is rather prevalent, otherwise public health good. Weather—seusonable. Harvesting of aman paddy continues; prospects favor
1		Jhanida Magoora				Nil	able. Rubbes grops promise well. A kind of insect called shaan is del
I		Nurait				Nil Nil	injury to mustard and other winter crops in some places in the Maggora of division. Fever and cholera not abated.
-	10	Househedsbad,		29		Nil Nil	Wenther-cloudy and somewhat warm for a few days; but now bright and c
	20					MI	egain. Assum paddy being harvested, the general outurn for the wh district will be fully 6 annas, possibly more. All rabben crops doing we except kalai, which has been partially damaged by caterpillura; prospects rabbes generally good. Public health unusually good, but sporadic cases chelero occur here and there. The price of remmon rice slightly fallon, i.e. to 15 seers per rupee.
1	11	Dinagepore, E	iov.	28	84	Nii	Weather-scasonable. Amun paddy and sugarcane being cut. Prospects
1	12	Rajahahye,		29	,,	Nil	rubbee crops good. Rice selling at 13 seers por rupee. Weather—cool and seasonable. Harvesting of amus paddy continues; prosec
		Nattors Nowgong				Nil	of curturn fair. Rubbee crops generally good. Prices stationary, Choi still reported from two sub-divisions, favor general.
1	18	Rangpore	,,	29	***	Nil	Wenther - concentible. Harvesting of amus paddy continues. Other winter cr
1		Nilphamari Kurigaon				Nil Nil	doing well. Majorious fever still prevalent. Some cases of cholera repor from the Gailanda and Kurigson sub-divisions,
		Gaibapida		00	0.4	29144	
1	14	Bogra,	N	229	"	Nil	Weather—beavy dews at nights, marnings cold. State and prospects of an paddy very unfavourable over a large part of the district. The cold weath drops are promising. There are still some cases of cholera and fover, but put bealth is improving.
1	15	Pubne,	11 1	29	ы .	Nil	Westler - fair and rook. Harvesting of oman paddy progressing. Prospects
1							gold-wenther crops good. Fever has not abated in Scraiglinge, where chole also is prevailing very badly.
1	16	Darjeeling,	hif	29	**		Weather-raw and misty. Harvesting of murtes has commenced. Prospection.
1	17	Inlpigoree,	an i	29	PI .	.Nil	Weather—sensonable; sometimes cloudy. Prospects of kaimasti paddy vary goul deal; in places it is an excellent crop, on some high lands very be Cold-weather crops flourishing.

1	So.	District, and de return.	te of	Rainfall at Sudds Stationis inches,	Character of the weather, state and prospects of the erons, and
BR	NGA	L.—ooneld.			
		Eastern Dietri	oła,		•
	1.8	Dacca, Nov. Manickgunge Moonsheegung Naralugunge		Nil Nil Nil	Weather-cold. Ames and reachis paddy being reaped. Cutting of sugarcane continues. Sawing of pulses going on. Prospects of emps continue good. Several cases of cholors are reported from certain parts of the district.
Mary Inc.	19	Furrendpore	29	NII Nil	Weather—seasonable. State and prospects of standing creps generally good. Ames harvest going on well. Sugarcane very good. Spring crops being
DACCA	20	Madaripore Backergunge, ,,	27	Nil Nil	sown. Fever provalent is most parts, and choiers in some parts, especially in and near Furrendpore: also a few cases in the south of the district. Weather—seasonable. Prospects of crops fair. New rice has come into the market and the price is gradually falling. Fover and choices reported from
i	21	Mymensingh, Jamuspore Kinhuregunge	28	NII	Wenther seasonable. Prospects of crops good. Cholera still prevalent in the district.
		Attia Netrokona		Nil	
	22	Chittegong, Dec	1,	94 Nil	Wenther—seasonable. Prospects of crops fair. Reaping of paidy continues. Prives of food-grains stationary. Chelora still reported, otherwise general health good.
NG DIVE.		Naakhally, Nov.		Nil Nil	Wenther measurable. Amen crop being traped. Rubbec orop being nown. Cattle-disease still continues in the Fenny sub-division. Cholera in some places and small-pox in Ranguage.
CHITTAGONG		Tipperab. Brahmanbariah Chandpore		NH NH NH	Wenther - eleur and cool. Prospects of late paddy and other crops good. Public huntth good with the exception of some cases of cholers.
		Chittegong Hill ,. Tracte. Hill Tipporah, ,,	25 26	70.77.18	Weather—seasonable; cold with foggy mornings. Cotton being gathered and toustand being sown. Plough-paddy doing well. Weather—seasonably cool. Assas paddy and cotton being gathered. Sowing of mustard nearly completed. Prospects of sugarcano fair. Public health
10 164	HAR	ı.			generally good.
DE			00 3		
	26	Patua, Nov. Behar	29 '	Nil Nil	Weather—seasonable. Sowing of rubbee crops still continues in some places. mustard and rubar are flowering. Poppy is growing well. Public health good.
	27	Gya, .,	29	Nil	Weather-fair; gradually growing colder. Rubbes sowings nearly completed. Standing rubbes crops promise well. Prospects of poppy crop favourable. Health good.
OKY B.	28	Shababad, ,, Sassorom Bhabhna Baxar		Nil Nil Not	Weather—cold. Prospects of rubbes and opinm crops good.
CATSA DAYS.	29	Durbhunga, " Modhubani	29	Nil	Weather—seasonable. Harvesting of paddy and weld has commenced. Rubbee and poppy crops are coming on well. Prices gradually folling. A few cases of
	80	Tajpur Mozufferpore, ,, Hujipur	29	Nii Nii Nii	cholers in Durbhanga. Weather—clear with slight west winds Prospects of crops continue favourable. Unddy ripening and will probably yield a moderate outturn. Babbes crops
1	81	Sarun, ,	29	Nil Nil Nil	very promising. Poopy thriving well. Public health good. Weather—cool and bright. Harvesting of puddy going on, prospects of rubbee From excellent. Poppy sowings almost completed, weather favourable,
-{	82	Gopalgungs Chumparun ,	40	Nil Nil	prospects excellent. Prices of food-grains falling. Public health good. Weather-seasonable. Prospects of crops continue favourable. Aghani paddy is being reaped in a few places.
	83	Monghyr. Nov Beguserni Jamui	. 29 '	NII NII NII	Wenther—seasonable. Prespects of crops generally good. In the Jamui sub- division there is a partial failure of the puddy crop, but a ten-anna outturn is expected for the sub-division. Prespects of poppy crop continue favourable.
DIVE	34	Bhaguipore, ,,	29	, Nil	Stight fall in prices. Public health good. Weather—clear; getting cokier daily. Paddy being cut in places All standing rabbase crops doing wall. Prices of food-grains falling slightly in the interior. In Scopole bhadei rice sold at 20 seers per ruped, paddy at 32 seers, and marges 32 seers. In the south new rice is selling at from 15 to
BRAGULPORE	85	Purneah, ,,	29	Nil	Weather—cool and fine. Prospects of crops good in the north of the district, but poor classifier. Public health not good, fover very provaint.
BRABI	86	Arrareah Maldub,	29	Nil Nil	Weather—cold and fair. Winter paddy still ripening. Prospects of kalai, matur, and other similar crops generally fair except in one or two places. Price of common rice ranging from 11 to 12 sears per rupes. Public health generally good with the exception of a few cases of cholers in Nawabgunge than and of
	87	Southal Pargha Deomica Droghur Godda Rujuebal	29	Nil Nil Nil	fever in Shibgunge. Weather—scasonable. Paddy is now being ranged everywhere. Prospects of rabbee crops still continue favourable; prices of food-grains falling. A few cases of cholera in Pakour, otherwise public health good.
		Pakone Jumtura		Nil	

2	Яo.	District, ar		e of		Rainfall at Sudder Station in inches.	
OB	ISSA	١.			-		
Dirs.	88	Cuttack,	Nov.	28	184	KII	Weather—seasonable, nights cool. Resping of early corad in progress; late carad in ear and in some places ripening with favourable prospects. Bubbes and sugarcane growing well. Price of rice gradually falling. Common rice solling at trom 16 to 20 seers per rupes in the town, and 25 seers on an average in the interior. Public health generally good.
ORTHA	29	Poorne, Khoorda	11	27	10	Nil ·	Westher—seasonable, Late served is ripening. Daire is being sown. Rubbee crops doing well. Common rice colling at an average of 21 seers 5 chittacks per rupes in the Sudder sub-division, and 24 seers 10 chittacks in the Khands sub-division. Cholera still reported.
	40	Balasore	29	28	10	Nil	Weather—cold and bright. Reaping of serad in progress. Rabbee crops doing well. Malerious fever still linguing in the north of the district; otherwise public health good.
CH	(OTA	NAGPORE.					
	Бон	th West From	tier				
	41	Hazaribagh,	Nov.	. 26	*84	NIL	Weather—clear and cold. Harvesting of paddy continues. Rubbes crops doing well. Prospects of poppy crop not favourable for want of sufficient water-supply. Prices of food-grains have fallen slightly. General health good.
	49	Lohardugge,	Øt	29	*1	MII .	Weather—seasonable. Prospects of rubber crops good. Harvesting of paddy continues with good results. Throughout the district a good outturn is expected. In the south-cestern part of the district the outturn is a 14-ana.
	43	Singbhoom,	sta	28	ŵp	Nil	erop. Prices show a slight fall in places. Public health good. Weather—bright, clear and cold. Late paddy being hervested with excellent outturn. All other crops promise well. General health good. A few cases of
	44	Manbboom, Gevindpo	ITO *	29	100 A 11 1	NI NI	cholera continue in pergunnah Dhalbhoom. Weather—seasonable. Harvesting of puddy continues. In consequence of partial failure of crops in pergunnah Bagda owing to deficient rainfall, some distress among the power class of people is apprehended there. Prospects of rabbee crops on the whole good. Rice sold at Purulia market on the 29th instant at 22 seems per ropes. Public health good, except a few cases of small-pox and cattle-disease in Roghunathpore.

Published for general information.

CALCUTTA, STATISTICAL DEPT., The 2nd December 1884. COLMAN MACAULAY, Secy. to the Gort. of Bengal. The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of August 1884.

IMPORTS INTO CALCUTTA.

			P 001	O-GRAIN	16.			Pireove P	RODECTA.	Ott-8	REDE.				Bre	AH.	Tot	4000
Fhence imported.	Rica	AND PA	DDT.	Wheat.	Gram	Other food-	Total	Sale raw.	Guany-	Linsood.	Mustard-	Ton, indian.	Colton, paw.	Silk,	Drained	The drained.	Bis-	Oth
	Rios.	Paddy.	Total (til rice).		pulses.	jeranava.			d media:									
BREGAL.	Mda.	Mds.	Mds.	Mås.	Mde.	Mds.	Mds.	Mds.	No.	Mdu	Mds.	Mdu.	Mds.	Mds.	Mds.	Man.	Mda.	M d
ardwan an	6,758	8,176	0,009	1,443	780	1.0	14,125	191010	P-21P1	1,097	826	11rb	45	250	18	200	100	4.5
eerbhoom	05,701	57,883	1,31,805		57	******	1,81,570	408111	1,198	1,153	7,890	md++++	295	25:20	242	16.740	20 E	31.
iduaporu	51,018	3,740	942, 450	7,542	10,784	757	75,44%	3,127	216,976 215,141	084,c № 513	2010	818-1-	1,710	110-11	9,536	11,100	144	1.2.
united and or	1,17,834	12,859	3,14,863	444.44	63,656	\$.069	926,48 888,6	33,515	123	10,016	4,862	499181	313	480	875	B 63 9,850	100	4.
danifon are seed	11,390	13,153	19,081	197	84.18a	120	44,054	2,083	2	1189	3,099 7,505		13	480	469	12,144		ß,
Lorenedabad	14	101.04	16	14,990	21,624	43	1,24,952	0,612	179,792	10.909 1,298	1,045	******		9944.00	*****	489118	1,149	481
linagapore	3,257	401448	3,267	978	24,713	61	29,001	32,533 42,474	13	2,000	1,438	1474 44	. 10	17	191119	14144	4,808	191
Paul bond ""	11,207	444417	11,267	2,636	110.41	+ \$6 000 \$21 115	11,367	2,760		B14111	1,242	FR 87 69	1 h h a 1 h	1111	14=140	179	411	401
DINE OF STREET	1,014	******	1,014	1,089	19,442	*1111	21,543	1,63,500	8,425	18,976	50,038	10,804	100010	164 v h B	P4444	141714	19.	1
berjeeling	972447	1 416	10114	418490	D40104	11111	401.416	2,035	451	1,170	91,059	21,059	200	11111	111111	Idenel 	193	+*-
Dagen	1,490		1,485	965 465	31,490	705 1,254	41,036	95,636		1,255	0,27(25	1100	291411	101111	117.51	391	
Baukergungs	1,14,65	344	1,01.748	508	1,125	3412	1,00,038 9,159	2,700	5.65.50	8,127 1,842	873 5,830	191000	100	130 40	484.00	411114	111	1 100
Mymetising	8,023 9,41		9,415	488701	6,219	4 ph ann	0,610	41111		4000	8 44 -44	1,611	147414	442148		******	1 10	
Pipperbli ac co	84(20)	020-47	100418		************************	6+6+8-6 1-4+4-8	85,015	49+111	p. 00 c c c	******	*16.01	2,041	1,408	Amp = 1 1	000-11			1
Howkholly	7,35,72			00,784	2,11,975	6,835	10,64,778	8,70,583	621,997	04,515	1,20,820	26,000	6,187	1,90%	11,600	45,884	6,0%	24
BREAK.	FROM, 2 m		7,00,010															
PASOS III III	414***			23,100	\$2,971	13,489	\$8,705	149	100 14 t	2,23,403 2,414		1	3		83	#18:00 #18:00	119	
NB 400 400	004177	112 194	11111	87,3100	7,047	1,030	46,083		600	6,170	3,515	į ä	1-11)4	1.5	-,	574	110	
Monuferpore	*****	410107	b30-411	1,878	270 850	87	2.014	144110	111.00	61,057	35,114	Jup at t	14-11	harris	418144	206		
Durbinuega	PD-P	******	210.00	27,620	8,963	624	84,727		1,250	6,1444			h-+ #1	H414-44	94944	800000	411	1:
Champarun	2,60		2,861	17,580	35,78-6	345	56,41		*****	81,447	17,400	*** 14	482		640+29	0.000	10-11	1
Bhartipore	30	2	302	11M, 4E3	7,098	6.792	11.37		999184	0,104	14,842	610	1	Ye	61	5-0	*11	
Purnesh	AAPPER SS	45111	833	18,453	5,779	1,839	27,071		100	8,346	4,641	*****	******	*****	******	40000	*117	1
Southed Pergun-	(1117)	,		4,665	456	120	p.011	111-01		6,834	8,19	,.,	5	83	3	141444	127	
Total of Behar	8,31	0	8,354	1,67,780	91,723	23,766	2,56,61	5 1,348	1,850	3,62,200	1,24,863	4.8		30	1.700	740	194	
OBJENA	1													119,444	14111	M4551.B	1	
Cuttack on or			26,34		150	10011	05,44		2711-4			14111		9	E			-
Total of Origon		39 21,22	05,00	3	180		05,75	8 8	41,000		74111	140-10	- 6	<u> </u>	3			
OROTA NAGPORE												1		١.				
Hassribagh "		*****	70100	908111		0 3044.0	10+440	410400	1	\$4 Pag.2	1.01118	111	B	1	3 110,16	1	711	
Grand Total of		_				-				-							-	-
the Provinces ander the Lou- tenant loverner of Boursel.	7,89,4	1,30,3	8,04,03	2,18,554	8,00,648	\$0,001	16,17,16	8,71,691	083,841	,4,56,710	2,46,650	11,510	4,763	8,29	13,300	40.00	5,40	6 8
		_								-	1			1				-
OTER PROVEROR		40011		11101	F0+918	*******		700	141188	17,20	64,427	79,330	10	2	1	******	+41	1
Morth-Western Pr				8,78,694	9		4,00,03	6) 0 q k d 0	64,48	7 . 80,081				9,530			
strices and Ondi	3	74111		12,380	80%	506	13,07	8 411100	*****	01,00	3,00	J 0.	79:		10-111	191 ===	1=4	
Control Provinces		111144		2,101	#75	444 674	2,46	*****	141.11	415***	*10.000	11	10,50	14 2442	5,516	111110	187	
Busting		96	. 59	B 10000	29,423		84,02		101-10	410148	14111h	p# # a a l	1 6.	1000.00	valres	19227	141	
British Burmah	B30141	41111	1	0	2,1141	10	2			******		4,500	*****	9.5		[49	-	
Other places		L de N			8.68,991	32,37 L	19,05,26	5 8,72,040	025,191	6,60,32	20,63,62	1 3,04,800	6 20,0L	2,66	g1,171	40,700	0,01	15 3
of Imported		LATE		20 100 00	1		84,35,08	9,84,08	9,009,920	11,44,23	0 \$,55,67	1,00,0%	1 25,73	9,87	6 41,19	04,802	104	
in August, 1,188	3 8,34,2	70 1,27,7	10,14,13	B 34-10-09-0	- Olomban	-	1									1		1

One mound of paddy is equivalent to 25 meers of rice.

* Exchange of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the mouth of August 1884 was as follows .-

1												1		1			1	
Exported FROM Calcetta—							•											-
To Indian ports,	BC.709	10 maret	A6,740	249	94 0,00%	161	80,834	10,963	1,537,470 141,504 100,021	191106	400.44 400.44	501 13	445	88 444	946 95	111111 111111 111111	884 , 881 -+4	******
Madras Other ports in Medras British Burunh	21.303 2.340	\$.607	24,982	108 71	8,352 6,15%	******	18,497 7,168	4,809 8 22		461×40 4×4646	#10 1000	10	3,1111	BL , #	189	126	HH .	10,32
Pondicherry	3,778	441-15	8,778	*****	B39	44711	4,007	441710	\$20,550 2,000		*****	221114	10 mm	Here	777	407710	11)	#14-1-1
Fotal of Inter-	66,247	£,657	67,868	624	18,480	241	1,07,001	14,692	2,8:0,801	- 1	418363	5/5	8	138	1,850	163	-	INGU
To Poreign parts— United Knigdom	8,154	*****	8,156	5,20,175	48,231	494+64	0,51,063	2,06,945	800,050	3,93,845		1,13,904	8,010	1,000	804	rs 1- 8+		4,808
Other Fereign	4,10,391	101 113	4,16,391	40,855	25,687	280	4,61,431		4,682,700	1,62,945	10	603			304			6,101
Total of Foreign trade	4,24,817	*****	4,24,547		75,116	206	11,62,003 12,70,050		8,190,101	6,34,298	3,20,003	1,18,597	4,060	1,441	\$.131	153		# (. P.2)
of Experied 1884		2,£57	5,12,435 5,07,323		\$0,007 #4,604		26,51,493		3,705,147		1,88,035	1,19,677	8,900	963	25,025	3,139	ant	190300

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported unto Calcutta during the month of August 1884.

IMPORTS INTO CALCUTTA.

		Fo	OD-OFFIE	b		Pronous l	BODUCES.	Otr	SHEDL.	Tos.			Sve	AZ.	Тов	ACCO.
SPROTECATION OF ROUTES.	Rice,	Paddy.	Wheat.	Gram and pulses.	tood- graint.	Jute,	Gunny.	Linged.	Mustard-	Ladinn,	Cation,	Blik, taw.	Drain- ed.	Un- drained.	Bis- pacis,	Other
By country bacts " river steamers (" hast ladian " rail Restern Repeal	Mds. 6,67,274 329 16,200	Md*. 93,422	Mda. 2,02,917 2,434 4,03,267 1,125	M da. 2,57,039 40 87,439 88,860	Mda. 25,451 1,790 5,011	M44, 2,45,664 09,365 5,25,765	74n. 667,868	Man. 2,58,943 2,651 2,641 4,130	Mda. 1,95,745 73,034 63,838 39,960	Mds. 72,000 838 20,080	Mds. 8,791 120 8,855 41	Mds. 859 11 1,206 641	Mds. 7,652 1,888	Mds. 41,003 759 6,288	Mds. 3,552-	809
Kal and South-	6,050 48,277 81,885	5,761 21,192	45	33,878	15	1,786 57	48,150 1,850	en Pedde Petersia Jahrense	******	7,629	794	102	0,818 5,530	1,583 104	#10 +10	17.862 880
Sand Total of (1884	7,00,021	1,20,357	0,11,789	3,55,061	83,971	8,72,840	695,191	5,60,328	8,48,631	1,01,208	818,12	2,588	23,171	49,795	5,895	37,234
August { 1885	9,34,270	1,17,750	19,90,201	5,63,070	47,022	7,84,034	2,999,220	11,64,830	2.62,470	1,00,921	25,738	2,678	61,196	61,802	1	107119

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of August 1884.

EXPORTS FROM CALCUTTA.

		Cotton piece	- goods.	Cotton	rwist.		Gunny-		Cottonnia	oe-kooda-	Cotto	s twist.		
Whither oup	propil.	Zuropesa.	Indian.	Buropoun.	Indian.	Salt.	page.	Whither experied.	Bure- pean.	Indian.	Euro- pean,	Indian.	Salt.	Gunny-baga
1			1					UEGTA NAGSORE.	Ru. 1	Rs. 1	Mds.	Mile.	Mds. I	No.
BENOAL		Ra.	Ru.	Mdn	Mds.	Mde.	No.	Haunibagh	10,845 02,346	*18177	helrid	50ti	\$,0±n \$,05H	46d
Burdwan	p = 0	1,26,684	4,180 830	443 167	214	8,058	7,840	Total of Chota Nagpore	69,192	777.44		513	6,082	878
Beechbound	941	61,169		683	4 1.11	43,161	1,445	There of Oursets Trumboto	00/100	474.44		0.10	B 100.7	9/8
Madnapore	844	83,845 66,200	4,659	850	65	77	82,240	Grand Total of supplies into						
Hocaritis	0.44	1.19.413	19,157	131	******	10,007	72,450	the provinces under the (59,73,209	42,873	12,176	4.180	0,60,612	754,034
4-Pergunnah	0.01	3,47,697	110	1,886	4)1+14	E9.743	11,265	Lieutemant-Governor of	04,30,500	44.071	A44.04	40,000	n'maine	1000/0.34
Nuuden Khalim	4-)-c	8,060	*10****	20	******	6,892	1,730	Bangai.						
leanure .	401	68, 199	140.143	106	53	18,254	7,020	OPERE PROVINCES.						
d cornhednbad	444	1,12,549	4,510	294		10,81d	2,590	OTHER PROVINCES.					- 1	
Винкерото	444	2,304	111111	202	110104	25,838	2,1000	Assunta	10,97,565	******	3,342	164771	42,369	BOS-
Regulationings	000	3,86,444	411.110	478		12,840	35	North-Western Provinces	70101000	******	4,044	1 1		avo
Винцерого	***	1,75,938		79		4,715	666	and Oudn	13,74,765	4,400	2,565	03B	25,413	290,870
Boarn	800	2,45,532	400 100	679	010111	75,495	2,525	Punjab	6,42,530	1,100	1,045	*****	-41-14	110,525
rubon.	==4	1,40,400	******	\$69	PHI + 2 4	1,049	175	Central Provinces	15,10%	100 - 51	787		******	41,195
Darposing	1-01 P	1,25,692	44444	217	4 808	0,333 44,311	8,945	Rajputana States	35,230	5×0-191	929		413.0	1,678
utprguren	l-on.	11,00,181	1,300	1,617		20,670	9,455	Boinuny m	7,002	must ;	4.0191	49	111111	2,637,470
Juces Juriedport	141	2,80,149			Hittan	8:,320	******	Manual	1,25,344	******	4,038		PRE-110	451,571
Sackergunge	914	2,39,634	111774	411144	007110	13,850	144) 11	Pundicherry	010111	****	********	******	101116	3,000
H THEBURNIER	hab	100	7 4 P 4 + P	444991	Billion	8,430	400.00	British Surmah	1,52,407	******	676		197110	230,400
Pipperah	140 1	1,28,612	******	256	140100	175	880179	Usher places	15,483	17, 110	480		141414	8,679,355
Chittagong	4104	1,600	4 14 11 4	10-21-33		17,274	401110				-			
Numboily	141	2,000	1					Grand Total of [1884	93,59,561 83,00,472	67,438	25,414		7,29,894	9,175,009 0,201,411
		43,92,956	24,245	8,154	1,255	4,31,713	194,417	to a bost of the stalk C 1889	0.2,00,43.2	01.nma	Au, tra	20,501	II, Clay (PUS)	0,401,431
Total of Bao	Cibilitat							The Sea-borne Trade of O	aleutta in	these St	aples d	uring th	s month	of August
BREAR.								1886 seas as follows:					·	
		3,78,288	110	151	261	\$8,870	187,650		D - D	77 -	100.0	0.1-	10.0	
Patein	101	00,250	3,810	28	\$105	7,496	5,360	0	Ba."	Re.	Mids.	Mdn,	Mdn.	Eq.
iya .	4.44	1.08,433	11.44	7	184	10,5,8	11,235	LMPORTED INTO CALCUTTA-						
Inauahus.	D-0-0	58,690	2,680	*****	\$39	44,485	84,241	From Foreign Forts-	95,70,846		14,91	1	6.08,933	phlase
Meansterpore	244	Bos, 50, 2	440	17	4		1,150	Other Foreign posts	1 11 4 379		46		1,41,710	
	414	8,40,776	P4++++		19	10,7:1	8.715	Obtret Lateren has as as						
	711		P1 -+4	16	207	14,267	20,234	rotal of Foreign Trade	00,74,033	*****	14,20	4	7,50,681	1,380
Smrs D		89,818	860	93	135	10,220	26,415							
Saran Humparua	444			94	196	19,230	0,835	From Indian Ports-	min 9-4-c	H SO ADA)	8,274	31,6M	
Serie Hemisarua Memisist Khagnipore	811	75,696	2.1990		meh.p.	11,362	45,500	HOEDDAY	THE DIST	100,480	111110		1	
Berse Humparum Monsus Kunguipore		1,65,568	\$,800	h ad #11+			400,000	Madrida		311-14	010-11	411.41	+,230	BAT 14 B
Serse Champaran Monseys Khagarpore Parices Malan	111 1179 1140	1,45,568	3,890	76	292	10,061								MARIE IN IN
Serse Minimporum Minimporum Minimporum Parimenta Minimum Minimum	111 1179 1140	1,65,568	55141	76	192		332,004	Other ports in Madras	21,200	115			111111	811114
Serse Champaran Monseys Khagarpore Parices Malan	posti i	1,45,568	99141	527		2,22,617	832,004	Other Indian purit	21,200	115				#43 Ped
deren Angestyp Monestyp Menagentpoxe Partice Maldan Bouldal Pergui	bor	1,65,568	55141	76	192			Other Indian puria	\$1,500	115	4111b7	411441	12743	812744
dered interpretation of the control of Be	bor	1,65,868 1,83,819 16,90,898	55141	76 527	1,755	2,29,617	6,000	Total of Interportal Trade	50,419	5,49,693	D	9 0,247	35,87	mehred meters
deren Angestyp Monestyp Menagentpoxe Partice Maldan Bouldal Pergui	bor	1,65,568	8,730	76	1,755	2,22,617		County Prince of Case	\$1,500	5,39,693 2,39,496	0	9 8,347	35,87	1,70

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of August 1884.

	COTTON PIEC	r .	COTTON TO	WIST.	Sait.	Gunny-bage
SPECIFICATION OF ROUTES.	European.	Indian.	Buropean.	ludian-		
By country coats	Ec. 1,87,646 15,62,431 89,45,413 20,73,976 41,488 1,09,829 5,18,919	Es. 13.520 23.510 1,410 10.686 17,101	31 44. 1.741 2.765 6.927 2.723	258 3,793 34 5,131	Picks. d, 60,155 32,460 1,94,860 06,706 51,6 6,014	Fig. 168,743 77 s,676 30,686 3,446 9,276 8,180,483
Grand Total of Esports in August	83,59,561 83,59,561	84,001 87,638	28,270 23,414	0,286 10,701	7,29,504 6,60,603	9,378 no.

[.] As per tariff decimation value.

Results of the Metecrological Observations taken at the Alipore Observatory from 23rd to 29th November 1884.

		1	bright	barograter	1	Santaria.	ATURN			ETG101	ene ky.		Wana.			
Mostl.	Date.	Maximum to eum,	Number of house of	Ment presente bare	Mode.	Maximum.	Bange.	Kinimum.	Mone wet halb.	Vapour ten-fon.	Dew point.	Hamidky,	Prevailing direction.	Miles recorded	Rain,	Whateen.
L. 1884.		0		Inches.	0	0	0	0	0	Lactor	0	*7,			Inches,	
Nov.	93rd	183-5	949	80'015	66.3	7819	81.5	57:7	60*7	0.490	60.8	78	NW by N and NNW	84	No.1.	Clear,
29	94th	130-2	10.0	20-997	65.0	77-6	33-9	55'8	80.0	*494	8414	71	NNW and NW	79		Oleur, 🚓.
10.3	96th	12817	9-8	80 4000	66-7	77-8	99:1	66-3	E109	*454	20.8	78	NW and NNW	78	li3	Partially elond
10	sech	182'6	613	0:11	67-9	78-6	19.8	69.7	62'8	*507	59:4	76	NNW and NNE	67	l1	Partially cloud
161	97th	134/1	7.8	101.6	67-5	78-1	184	69'7	68:1	120	80.3	79	NNE	89	11	Chiefly elec
40	28th	180-8	9.6	051	67 15	77-7	16:8	6079	61.9	'664	50'9	CISI	NNE and NNW	79	0	Morning clone day and nig olar, A.,
1)	20th	199-5	9.9	.081	64.6	76-7	31.9	54 9	4.69	411	58-5	86	NNW and N by W	70	20	Uhiefly ola
			Press	ure of				ding :		1 / 4		o Me	S G.'s Office		3	0.026
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	The The The The The	total n maxim mean averag	tempe tempe tempe	er of be	of the	of bri ber of ne sev	ght au f house on de	ra of :	ig þei strusþ	ine		,4 8 4			60 71	ion n. 5·1
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The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No-86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

HENRY F. BLANFORD, Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA; Calcutta, the 1st December 1884.

Meteorological Report of the Province of Bengal

						-						STATI(ON OBS	ERTATI	0 NS.		,			
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	m ar Borozofich z	Dist	iot		Representa- station.	tiva	Hear barometric heith, 13 A.E.	Mean red-ord	Variation from	Prevising direct	Hean wind velo-	Highest dutible	Lowest during	Mean maximum kemparatura	Mesn minimum le perature of week.	Mean daily tem- perature of week.	Fariations from nernal mean of week.	item 10 A. M. temperature,	Average bumidity at 10 A. M.	Arenge cloud nu coul
					Gopalpore		30'047	80.084	_	NNW	847	79'6	89.3	77'5	60.9	6910	-	78.7	71	100
	3	Poores	484	**	Palse Print		30'085	\$0*105	+ 1034	NB	85	89*6	69.0	70%	05.7	67.0	-6.6	7415	48	0:3
	ORIDOA	Cuttack	P		Cuttnok		30'024	30'107	+ '015	Oalm	14	P# 2	66 'R	83'2	159.0	70'9	-3.9	75'1	88	O'S
	°	Balasore	0.0	* >	Ralesore	,	90.009	39-118	-	NEWHA	31	81.2	99.2	Bu-B	94.3	67.8	-	73.0	88	0,1
	1	South-West 3	Midn	врот	Souger Islan	d .	30.074	85'101	+ .025	NNW	228	79 2	85.3	77'9	60.15	6915	-28	72.5	ĠE.	09
	J	Bouth 24 Per	gunz	odan									W.F.A.D.	715.80						0.9
		Midnapore	F 86		Midnapore	,	291900	80-110	-	24	60-9	6128	22.8	80*8	5518	097	_	76'9	48	0.8
	, j	S4-Puegunnah	50 ,,				30.083	80*105	+*040	N	72	801	8013	78-7	687	6814	-2'8	793		
	Barreas	Howah	1484	1 1101	Galoutte	h	. 30 080	90.100	7 040	1	1,2	OU.I	QQ IS	107	00.7	63.4	-23	330	89	0'1
		Hooghly	201				80*014	80:117	4-1046	NW	83.1	62.8	55-3	80'8	57-8	5.89	⊢1 9	31.8	1528	
	E.	Burdwata	10		Hurdwan				1	21.44	00.7	0.0				00%		7.0	- 12	10
	E I	Bankoora	4.0		Ranigunge		29-761	_	-	NW	73	83-1	58*8	80.4	84'6	07:5	_	70%	61	!
	Botta.	Beerbhoom	- "								11							, , , ,		8:0
	2	West Burdwa			Berhampere		\$0.020	\$0*208	+.080	N	- 35.0	7946	57.8	7912	28.8	1.69	-118	71.15	64	0'3
		Nuddes	***						Qb	META-SOFF :	not minute	ed.					Ì			Va
		Jensoro	wed	64 1			Boudst	MAI COM	at head 1	1 37 307		All the	R.d. R	80'6	HP/+ A		_10		440	
	H	Khootna	419		SI nemore	. 1	80:037	20.064	4,041	NW	3.5	81'3	56'5	80 0	57.6	88.8	-17	76'0	80	a
	ď	Chittanone	+14	41	. Chittageng	141	29 906	80.089	+'031	ENE	24	701	16.9	28'4	88*1	6818	6.0	74'1	77	16
		Chitingons Ht	11 Tr	wots.	. Demagiri	+41			Obm	rvations :	ot receiv	od.							- {	
	2 1016	Backergunge	407		D-main-1	***	29 977	-	-	Observe	tions not	taken by	y order o	the Re	porter.					1
		Neckholly	849		. Nankhally		30.010	20.029		Califf	out of	20.0	67:1	70-3	98.8	0.00	-	74'0	07	0
	~ 7 I	furresdpore	q rd	d.	Furresdpare	.+-	2/1077	_	-	NNW	50	79'5	57.0	78.9	88.8	8819	-	73'4	63	03
		Duccos	14-	B-4	, Ducos	***	1	801084	4.000	N	24	80.8	20.5	80.1	98.8	70'0	-1.3	70.2	- 63	00
	Н	Commillab	+84	4=-	Committah		301044	30'031	-	NW	12:1	81.8	0.09	80'3	67:4	68'9	-	74'0	70	0
		Mymentingb	104	**	Mymensingh	-	29.000	-		ENB	83*3	88*4	60.1	B1 '8	67-7	74'4	-	75'7	89	817
	. 111	Hogen and Pub	PER IN	114		414	\$0'44B	30 094	-	NB NW	21'4	80-8	53.7	70.3	86.8	68.1	_	78'8	66	0*1
- 1		Rajatahyo	104	***	Rampore Basa	uleals	30'009 29'007	80.689		NW.	42.0	75'6	53-7	72.5	63.8	62.0	-	28.2	88	6.2
Surea.		Dinagepore	rad	141	Dinagepore	f-b4	39.081	\$0.087	_	N.H	27	81.0	53.1	80'6	55°D	68.1		75'0	64	0 }
		Bumppore	994	***	Runghore a	444	20 001	\$0.110	_		**	010	***		00.3	6719		73'1	79	0
46	Ш	Ju)pigores Gooch Bekar	644	"}	1 nlpigores	84+	19-784	30.081	-	.9	42.6	86.8	80.1	79-7	64-11	88'9	-n	174'8	06	9:8
		Darjeeling Hall			Derjeeling	l-liv	28:078	_	- 1	Oalm	63 31	12'3	36%	49'4	86.7	481	_	45.7	79 7	
		Purasah	*>*	w.)														**/		61
Break.		North Sherulp		}	Partical	444	20'971	20.103	+ 1045	Calm	6.6	82.00	48'34	80.14	£1.7°	Q1.82	-2.7	691	20	Ø
, in	1	Боливетроге	20-2	144	Motofferpore*	110			Chee	TYPLIONS D	ad roceive	ed.								
North		Durbhungs	w+6	417	Durbhunga	141	10°D40	80.112	+ 10707	68W	1967	7216	8814	7619	57:3	87*1	-21	68.7	71	03
* %	H	Champaras	p==	411	Mothari	40+	29'556	30.093	-	M T PE	6812	79'7	49'1	77:5	61.8	8419	-	70'9	60	0:6
	į į	Marun	4 61	41.4	Chupm	***	19.001	-	-	BW	26'7	80'7	PS-2	78.3	5416	0614	-	70%	61	03
				- 1	Dahres		201734	30'106	-	NEW	101.0	15.0	931.0	7012	1,99	02:6		68.2	53	0
	118	inskabad	44.	~	Buxar		20'830	30:103		NW	125'8	80.4	150.0	78'4	58.5	6-20		78-9	47	01
4	H.			L,	Azzala	494	29.887	\$0.091	-	WNW	10.9	82'8	21.1	7719	62.6	94.0	-	69°B	8.8	41
BETAL	ш) ym	mbe	4	Gyn	}	29 716	30'168	"	Calm	88.8	83-3	40.5	7812	40'1	69.0	-17	72'8	49	4
E	Ш		4 des	ři.	Haukipore	""	29 943	80-130	4.040	aw i	29.8	70'9	9.18	20.2	58.0	28.3	-1'6	03/4	61.	04
Botte	1.	outh Bhaguipe longhyr		"}	Hhaga (pore		201931	30:007	No	NNW	20.7	78'7	80.0	10'7	51.9	64-3	_	7210	(#)	
		onthal Porjune			Воомьк		29'687			NW	20.6	H2 /2	49:0							
	- I	anaritugh	red .	***	Hazaribagh	419		notice	+1469	NW	108'0	70'4	\$0.2	79'3	8.89	#180		70'0	67	0
28		-2				" [90,104	00	B7 10	742 4	700	***	74:5	62.1	69.2	-11	8618	40	8
CHOTA NAGROUM					Mattenag		27:208	80- 0 98	- 1	-	-	70'5	49%	78:1	E1'0	681	-	00.0	44	p
Z	1		***		Onychaesa		20'543	5		NW	200*2	_	5018		67:4				43	
	1							1							91.9			7472	200	

for the week ending Friday, the 28th of November 1884.

					BTRICTO	BERVATIO	MR.				_				
ok at					Ran	PALS.				f b	- _		1		,
Tarte to		reek.		nee lat of m	moth.	-	nce 15th k	fay.	days	umbe:	Represent atation	intivo L,	Distri	OT.	
Mainfall of week observingstations.	Menn for district,	Normal mean.	Men for district,	Normal ments.	Variat lon.	Veen for district.	Normal menn.	(ariation,	of Thiny days.	Normal number of raing days.					
Ni)	-	-	-	_	_	_	-	-		-	Gepaipere	4.7	Pourse		Ī
Nu	841	0.03	0.02	1.77	~-1'72	49'48	68:65	-7:34	0.0	0.9	Falsa Point	144 4	r ourse	200	441
2811	MIT	0.01	Nil	0'84	0'84	47'85	E\$*09	→4'44	0.0	0-1	Cuttack	441	Outtack	465	
Nil	Nil	0.02	20'0	D198	-0191	58107	\$3:31	+ 2'76	0.0	0.1	Bulesors		Balasore	100	
Mil	Nil	0.02	Nil	0.69	0.02	69-69	51'88	+8:01	0.0	0'1	Banger Islan	a{	South No. 1	idnapo	ro 1
	2011	0.03	מאנ	0-27	-0-27	43:01	49:79	-0.78	0.0	0.1	Midnapore	,	South 24-Pargu Midnapore	manhe ,	
Nil	Seri	4.00	67.81	0.27	-011	#2 DT	89.19	7070		٧.	минифорга		#4-1 arknumbre	140 m 4	- 1
Nil	Nil	0'04	90'0	0.37	0-35	48108	6078	-1.75	0.0	0.8	Calonsan	- 0.1	Howrah		nat
1												l	Hooghly	414 ,	
NI	Wil.	0.01	NII	6.38	-0.38	\$5*92	60'17	10'25	0.0	0.1	Burdwen	6-pu	Burdwag	т.	[]
										**		1	Bankoora	199 a	j
TI NE	NIL	3631	0.02	0*94	-0.18	18-93	60.88	-12.01	0.00	0.0	Rankduke	*"	Beerinboom	+44)	۱
			207.12	m.100	4.1				414	0.1	l bank	ſ	West Hurdwan Moorehedebad	199 41	
MIL	Nil	0.61	Nil	0:31	-0.25	85.48	49'50	-14117	0.0	0.8	Berhampore	**	Nudden	407 41	[]
	Nil	0.02	Nil	84.0	-0.19	80'42	49 33	-15.80	0.0	0.0	110111		Jentore	*** **	4
20 al	Nil	0.08	0.58	0 43	-0.72	68.11	62701	40:10	6.0	0.3	Jamore	{	Khoolua		-[]
W/11	NII	0'20	2'74	1.80	+1'44	100'03	111 '08	-5.05	0"0	016	Chittagong	141	Chistagong		"
MI	Nil	0.81	2'41	173	+0.68	62'68	8373	-23'07	0.9	94	Demogrid	(1)	Chitimgone Hill	Track.	
- 1	Nil	0.12	4120	0.68	+3:30	831:23	76-23	+7'00	0.0	0.3	Barries		Bankerrunne		- 6.0
	Nii	D'54	7'88	2'07	+5'76	90:44	100 02	-14:49	0.0	0.4	Nunkholly	194	Nonkhotly	100	Ш
NII	2011	0'11	0.68	0'40	+0.53	48'88	86.89	-12:01	0.0	0.2	Purreedporm		Farrosdpore	**	- }
NII	NII	0.12	070	0.63	+0'13	47'61	58168	-10.92	0.0	B.0	Dagon		Dagge.		ш
NH	Nil .	0'14	1.81	0.68	+1:13	06'15	70.89	-0.76	0.0	0.8	Commillah	141	Commillah		
NII	Nil	9'05	0.81	0.36	0.03	40'04	88.93	- 29:47	0.0	0.8	Mymensingh	Dr.s.	Mymoneingh	101 60	-13
2012	261	0.04	0:18	0.41	-0*25	87.71	85'74	-18:03	0.0	0.8	Setting groups	hto	Bogra and Pubni		٦
NII	30 (1)	Nil	2011	0.83	-0.59	84165	19:10	-18:45	0.0	0.0	Rampore Beat	Manh	Rajshahyo	du tas	JH
3(1)	IX II	0-01	2N iil	0.03	0.00	28174	\$6.38	-17*84	0.0	61	Dinagepore		Dinagoporo .	*1 >0.	
No	1013	0108	Nii	0.12	-0.18	49'45	75'41	25-B6	0.9	0.1	Rungpore	***			
	IN EL	0.04	Nil	8100	-0-00	68-86	113'84	-18'50	0%	0.2	amplgoree	1	Julpigoree .	6	44.
Nil			ยา01		1	118-63		94°40	0-0	0.8	Darjeoling	- 6	Darjesting Hill D	labororul	
0.08	0'01	0.04	0 02	9.37	0 26	8,715-0,0	102:07	0.7					Purnesh		3
2611	2011	0.03	2fis	0.00	-0°0d	46'18	67:59	-11'41	0.0	0.7	Purnsah	{	North Bhumipae		
		1									Mozniferpore		dosullerpore		Įį.
NR	Nti .	0.04	NA	6.08	-0.65	8670	4914	-7:44	0.0	0.1	Durbhanga	141	Darbhungs		Page
	Nii	0.05	NO	0.08	-9.08	43180	43 94	-214	0.0	0'2	Al ot (bari		humparum "	4 4 4	No
Nii.	Na	018	Nil	0'22	0.82	30'53	40:77	-10.52	0.0	01 (Chupra	B	iarua		3 .
NU 7	2484		1							- 1	Dohne				1
Ni I	Bill	0*17	1941	0.23	-0192	29:10	\$9*06	-9.80	0.0	P/2 /	durae .	., } B	badadad	411	i.
Nu J	57 88									1	kirrida ,				Ŀ
Na	NII	6'09	NII	0:50	-0.50	27-74	89*61	-11'07	6.0	0'9 (Зуь	***)ya	***	
NIL	Nil	G-0B	NEI	0.12	-0.53	28'09	49'58	-11.8#	0.0	018 1	Ben kipore		atus		
				A10.7	aum)	20'83	ALVED	-12'00	0'0	0.9	dhagulpore .	21	iouth Bhagu)por) ats	100
Mil	NEI	0'07	Nii	0.50	~-0'20	ad 08	36 *88	-12.00				-	longhyr	-	
Nij	Nil	0.02	Nil	0.18	-0.18	83'64	46'59	-10-15	0.0		Joomka-		outhat Pergunas		-
NII	NH	0.00	NU	0:59	-0.28	20.10	40'03	-12:44	0.0	4'3 £	interibegh		Lauribagh		1 0
NG	Nu	0.04	Nu	Q:85	-0.32	58'99	47100	-10'09	6.0	912 1	January .	31	although	ga.	Cara Ba
-755	2714	0.00	94.11									4 1	i ironnode	861	18

period for the past ten years. The variations are accessive when the mean for the week is less than the corresponding normal mean, and positive when greater by it. The number denoting cloud amount represents the part of the sky covered, the whole sky being denoted by it. Under the boad "district offer stories for the period in question during the past 12 years. The means for the "district" are the numbered averages of the rainfull esturas received day is one on which at least an hundredth of an inch fail.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 28th November 1884.

					B.	HYPLL				TOI	PA for		Average	4	
eteorological division.	Bintriot.	Station.	Saturday, 22nd November.	Sunday, 13rd November.	Mordey, 24th November.	Tuesday, 23th Navember.	Wednesday, 28th November.	Thursday, Eth Norember.	Friday, 28th Nuvember.	Number of rainy days.	Rainfall of week.	Total rain- fall from lat to 28th Biovember 1884.	total rain- fall from 181 to 18th	Total ratu- fall since 15th May 1884,	Average rain[a]) from 151 May to date
			# X	00 EX.	a's.	E E	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ex	E E	ZE	2"	1			
PALE SAIM	Poores	Paoree Khurdah Banpur False Point Hookitala	hodes mehand medipe bides tingle	4 > 7 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4144)1	4 > 4 + 4 8	dabiod antica pdH or a anticap anticap	41114 41114	444 (4) 2.2-55 274 (24 4)2-199	NII NII NII NII	INII INII NII NII	0.01 0.03 0.10 0.10 Nil	1.76 1.48 1.79 8.16	86 88 60 17 27 01 61 04 80 70	61 6 68 1 51 3 56 1
	Ostlask	Jagatsingpore Banki Cuttack Kendrapara Jajpore	0-4441 019-9-1 4-4441	# = 0 = 0 # # # # # # # # # # # # # # #	918-48 908.890 1771	41 704	0.4-42 0.00-00 0.00-00	#1#1## ###### -#1## -#1##	000 441 000 441 440-91	NII NII NII NII	NII NII NII NII	NII 0'01 NII NII NII	0°91 0°95 0°86 0°86	51'40 45'13' 50'63 40'65 41'99	46'4 66'3 68'3 68'1
	Valenora	Chandbali Handdrock Borah Halasara Jalianora	1 000 00 00 00 00 00 00 00 00 00 00 00 0	######################################	# 4 # 4	24 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1	4444EP 494.00 481.00	######################################	02444 02444 02444 02417 02417	NII NII NII NII	NI NI NI NI NI NI NI	NII NII NII NII NII	1:09 1:01 0:58 (0:67 0:48	69196 69190 46-37 67158 50158	68°0 60°0 61°3 56°3
DYN-WROT BURGAL	Midnapore	Baripodah Contai Rauger Island Temberk	410100	A. 8188 A. 8188 B. 8188 B. 8188	10000000000000000000000000000000000000	10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A14 B1	204111 204111 204111	P=====================================	NII NII NII	NII NII NII	NII NII NII	0.00 0.58 0.53 0.47	66'81 96'85 96'84	62°0 63°0 60°0
	24-Pargusvinle	Ghastal Diamond Harbour, Alipore dail	******	######################################	hepdal	41917	P-7-01	4+++		NII NII NII	NII NII	Nil Nil	0.85 0.40	40°15 87°89 60°29 87°88	6715 6815 6715
		Barnekpore Barnet Barnet	# 1 8 # # # # # # # # # # # # # # # # #	4.8104	*****	24 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8+8 v = d = 1 = 0 pd = 20 m = 8 m = 10 m = 20 m = 2		######################################	NII NII NII	NII NII NII NII	Nii Nii Nii 0 93	0.89 0.29 0.88 0.62	46'90 65'48 40'83 50'83	67'8 50'4 68'4 80'4
¥	Houghly	Moheneeks (Coloberials.) Berampure Hoogaly Jehanaued	#10-dP	0-111 0-10 0-111 0-111	\$00 pp.4	04 8 8 04 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**************************************	100701	40 m = 4	NU NU NU NU	NII NII NII	Nil Nil Nil 018	0.52 0.52 0.52	80 75 39 23 39 44	6.1°s
	Burdwan	Culma Burdwan Cutwa Ransequings	110-44 111100 120	9-9-144 8-9-144	hadens Hellb! wee!ll epikana	#4 = 1 0 = 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	017-10 017-10 017-10 017-10	**************************************	41 1004	NII NII NII	Nil Nil Nil	Nil Nil Nil Nil	0.49 0.89 0.49	86170 86123 36173 60108	451 671 471 401
	Bazikows	Hankaors Indas limbenpors Ketulpur Matters Ondas	41144-	494 F4 444 F4 48 845 4844 F4	1 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 +		441144 bands b +1144 +1444	444 E B B B B B B B B B B B B B B B B B	14000 14774 24400	NA NA NA NA NA	NII NII NII NII NII NII	Nil Nil Nil Nil U 33	0.30	54.93 34.53	481
	Beerbhoom	Bla. Scory Helampore	******	-+ Pa-41	******		4-4-1	711771 1941 1+	11 ph 14	Nil Nil Nil	NII NII NII	NII NII NII	0.19	47.90	85° 63° 81°
	Nation	Hannebat Kantragiur Chooseniga Monston		14 4-44 14 1-1-1 1 1-1-1	phink:	11 d b b d 11 d b d d 11 d b d d 11 d b d d 12 d d d d d d	### - ### ############################	######################################	\$40000	NA NA NA NA NA	NH NH NH NH	NII NII NII NII	0'50 0'40 0'44 0'67 0'16 0'51	26:20 36:33 29:72 37:44 36:73 41:61	\$1. 6d: 6d: 6d:
	Khoolma	Sathira Bugirhat Kuoolna	*****	04**44 E+4*04	~?~ 4 E '	4000	#4 \$1.00 * \$1.00 ### 1.00	4111 A. 	(4417)	Nil Nil Nil	NII NII	Nii 1°60 0°17	0°45 0 50 0°51	62:47 68:14 64:54	83° 49° 54°
-	M poychadabad	Jewore Jineuidah Magoorah	49-41 B-4 44 - 44-14	qbBrdb armanr arras- abbgd.	-494-44 	411149 411149	40-41-00- 10-01-01	PE E+ 0-6 HALL A EQ P = 2 Q DQ L D. G = 3-6	10-10-00 10-10-10-10-10-10-10-10-10-10-10-10-10-1	Nil Nil Nil Cil	NA NA NA NA	0:12 Nii 0:13	0.39 0.39 0.40	81'01 81'75 40 80 44'18	67° 53° 68°
		taunpure Hau berhaupure Luikagh Azimzunge Jungipure Luigula	10 T 10 T	100 ml	21 d > 24	4 = 44 PP A = 1 = 44 A = 1 = 1 A A P = 1 A A P = 1 B A P	70 40 40 10 22 22 10 22 22 10 22 22 10 24 24 11 24 24 12 24 24 13 24 24 14 24 24 15 24 24 16 24 24 17 24 24 18 24 1		14 + 8 000 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	NA NA NA NA NA NA	NII NII NII NII NII NII	NII NII NII NII	0.50 0.50 0.50 0.09 0.81	20.42 23.15 24.16 24.16 27.45 28.85 28.85	60° 51° 48° 49° 47′,
ier Burgia	Chittagons	Cox's Basar Chittagong Rancamati Bercha	144919	PP-1Ab	##4+F	021444 bd ca bb	100000	1930-4p 1010-41	70 to 11	Nil Nil Nil	NII	5.41 5.41 5.61 7.01	1146 1113 1175	198'89 66'96 62'08	131° 91° 85°
	Backgramige	Patuakhally, Parosuporo	147=14	*P114P	1000		2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	744410	10744	Nil Nil	NO NO NO NO	\$*03 6*00	0188 1184 0167 0178	20.08 84.30 84.30	68°
	Nonkbotly	Nonkholly	drhwqu massa. WP+48:		78.000	411000 maxin	71 10 4d	100 pp 4 p	15 mild	NII NII NII	Nii Nii Nii	8-99 8-99	1.51 1.51	97'00 97'04 93'14	100°, 100°
	Duros	Madaripora Furtund pora Constituto Munangunga		+FEJQ: 	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	418.00	4 - 1 - D1	*4 78 88	08 hvvp 1 = 1 + 0 p 1 = 1 + 0 p	NII NII NII NII	Na Na Na Na	1185 0186 0186 2184	0187 0188 0189	46'31 47'47 37'67 86'74	851 671 631
	Comilia	America Sarathenago Mataloguago Comita Chandpare		paulini opoliki 	44 8 4 8 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8	4++440	104	200001 200001		Nil Nil Nil Nil	Na Na Na Na Na	0°86 1°05 0°21 2°43 3°83	0'47 2 0'88 0'88 0'80	42'04 46'54 43'84 77 64	\$91 401 251
	Mymouningh.	henunumbaria Kuhoregungo Atia -355 monungh	1	4-41	011700 017711 01711 00711	# 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	99 14 1 11 2 11 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 144 # 11 # 144 # 14 # 144 #	thin the second	NA NA NA NA NA NA	Na Na Na Na Na	0'86 NII 0'86	0 47 0 47 0 47 0 17 0 17	61 30 63 40 42 67 26 51 51 40	34: 61: 52: 78:

Starement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 28th November 1884—someluded.

	· ·				B	LAUTELL				To	tat.				
Ecretical ories) - division.	District.	Nusion.	faiturday, 22nd	November.	Morember, 24th	Tvenday, Soile November.	Wednesday, 20th November.	Tinnider, 17th	Friday, 28th November,	Number of	Rainfall of	Total rain- fail from lat to 28th November 1694.	Average total rain- fall from let to 28th November.	Potal rain- fall since 18th May 1864.	Average rainfall jeuga 161 May to rista
ORTH RHPGAY	Pubna	Pubna Sorajgunge		111100	414144		419441	111 111		Nii Nii	NSI NAI	Nil Nil	0:18 0:43	48'29 £1'00	23" 88
, ,	Bogra	Sherpore		*****		411411	411.199	PdvPh*	*****	80	Nit	0:47	0'77	57:28	611
		Bogra Pauchbibi	*** FE P	414144	7-118 2-118 8-1184	*****	#15 dda	1-1-4	# P # P # P # P # P # P # P # P # P # P	NII NII	NE NI	0.18 0.18	0°73 0°33 0°03	39 10 37 06 39 17	85 83
	Rajohakyu	Benuleak	*****	,	0 = 4 + 10 10	171111	h-11-41	******	447117	NII	2031	Na	0.18	33100	Bet.
		Natiore Nowgong	n == 1000	141 941	*****	461.01	911 (III	41+1++	415-491	NU	Nil Nil	29 in 0:10	0.38	43.88 90.74	85
	Maldab	Maidalt			******	4+1414	pr. 404	111174	848784	Nii	MII	36.17	0121	33'81	80
*	Dinampore	Mohadebpore Churamon Raigunge	11144	141-7-	20mm	41111		414-41	*1+18+	NH	Nil Nil Nil	2011	010 Nii 010	83 DA 4 FHL 4 FEE EA	55 63 6-6
		Dinagepore Balooghat	1114-0 1140-0 1440-0	111 4	44	141411		v-4 -4 4	#14161 	Nil Nil Nil	Nii	Nil Nil Nil	9.08	81 03	6.3
	Rungport	Bhawanigunge (Gyabanda).	1811>P	*****	141114	997 81 (441011	4-411-1	*****	IV É1	2841	No	0.19	43.37	64
		Runapore	4 8 5 4 4 18			mal 511		41	K14-14	Nii	Nil Nil	N(1	0.13	50/57 45/97	76 74
		(Nilvhamari.)	102444		\$41444	PAP 818	*101	111111	414*91	2011	Nii	Nil Nil	6.04	46.199	Bu
	Goods Estar	Julpigores	181.89	107117	WWC P4 8	1 80-414	+ == +++	*****	110-112	NII	NEI	3011	0'14	101'86	12.5°
	GOORN TARMECHT	Cosch Bobar	10000		4 88 78 .	44.418	40000	*****	# pp + b + # pd + b + # b + b + B	Nil Nil	NIL	Nii Nii Nii	0.03	11P103	119
		Burn Burn	>P/ h =1		111000	49+611	7**411	#48 v1 4	4	NII	N (I	Nil	0 '07 0 '40	331'00	125
	Bill.	Billigari Pariodine	185011	11 11	- 6- 4-4	1154H 1354H	-41-1-	*****	*****	MH	Nel	2011 2011	7 015	82.93	100
		Estimpong			100419			.,,	0.19	1	0.10	0.18	?	04'45	
ORIN KRHAN	Parments to	Kissengunge Arrarean Parriosh		184414	141 bF 1	481418 114414	444	****	* 1 * * * * * * * * * * * * * * * * * *	Nil Nil	Nil Nil	Nil Nil	80.0 90.0	05:7A B1:03 40:39	67 13
	North Bhagul-	Maddapore	885079	44441	FB4 44 0	478884	484 848	41144	111100	Nil	2011	NII	0.04	37-84	6v
	рота.	Tajpera	141414	14111	144.004		171111	***,**	814.00	Nil	NII	Nil	0.02	83'77	43
	Darbhunga	Durbhunga	117911	11144	414 = 1 4	******	119-11	110.04	41111	Nii Nii	NII NII NII	NII	0.17 0.04	20:33 40:12	40 44 48
	Mosufferpore	Bitamarhi	******		******			418483	814-44	25 £1	800	1911	0.00	86'03	28
		Mozusterpore Hajipore	111411	0-40 mm h	117111	407840	*****	41414	B14144	Nil	NII	261 261	0.13	33.43	41
	Chumparus	Motheri Bettish	1814-1	111/11	745 MAH	144.01	414	47,111	441.95	NII Nii	NII NII	NO NII	0.08	41'51 44'03	41 47
	Oarun	Gopalgungo	*****		417016		17111	******	#1944 -	N51	2061	NH	0.81	39156	45
		Chuprah	481000	*****	# 14 4 7 E	>+++1+P	*****	414	#05 FF4	NIL	Mil	Nil Nil	0'14	## ## ##.47	88
ORTH BREAD	endadade	Buxar Dehree		-4-44	>4×110	981444 (81545	>>> +	*****	H41 ***	ND NH	NII	2011 2011	0'al	28:70 31:87	37
1.5		Shuboosh	10040	111110 111110	49*210	******	144110	145000	741 *** 1411*	NB	NIL	2N II 2N II	0.18 0.18	27.99 27.99 58.94	601
	G	Arrah ,,	861 9 7 8	++>===	191111	******	191 714	******	A y = 1+4	NII .	NII	Hit.	0.51	29.28	161
	Gye	Gyn Nowadah	400110 40014	10000	11444	11111	4 27 4 24	.44 88 6	+\- =1.5	NII	NII	NII	6'81 0'17	25196 21163	90°
	77-4-4	Johnnabad	-,	*****	111791	111000	1111004	* 17000	*****	Nel	NII NII	2010	0'84	29°41	40
	Paint or	Dinapore	100000	101100	p == 11 b + p = 10 b	144.00	*****	044 ===	4 14 194 ************************************	NIII NIII	Nii	NO 1	0.153	86°86 38'04	30 61
		Barrh	*****	****-1	**1 ***	141070	101004	5-15-11-0	aya bill	2011	200	NII	98.0	88-80	39
	Monghyr	Mossbyr	* ****	171419	104414	141111	717*11	117 +>+7 110 +>+7	415-04	NII NII NII	NII NII NII	NII NII	0.14	82 '84 85'70	46°
	South Shagul-	Bhagulporo	onia.	******	110414	167110	141414	111000	111+74 pqp414	NIL	NII	MIL	0181		89
	northal Per-	Rapnehal	******	112778	140 **	,=14>0	444 - 43	111100	******	NII (NII	Nil.	0'18	35'68 31'47	43
	Kempupa-	Gouda	######################################	7 00 000 2 1 10 10 1	\$15-004	no-rosh sandra bakana	401111	pdd pgg pdd pgg	44 · 90	NII NII	Nil	NII Mil NII	0.00	25.11	145 01
		Nya Doomina Daugnur	#47 EP9	491100	114111	175 M 5	1 = 4 + 4 4 = = 4 + 4 4	01916v 0mp.61	0+44HE	Ni	NII NII NII	Nik	0.58 0.10 0.58	29 Do 81 Li 47 LS	83 48
BUTTLA NAG-	Hasaribagh	Paniusta	771444	44444	910101	414194	******	*****	000 501	2931	Nil	No l	0'84	28125	40
PUL,		Hannbagh	0.09404	411.097	#10 Pd*	17111/	410104	416163	delil ro-s	Nii	NII	NII	0.38	38 50 38 50	40
	Lohenda	Lohardugga	D-1 p-0 p-1	\$arvet.	P41-111		ф÷у » = 1	w1#4++	144 +4+	Nii Nii	NO NO	Mil Nii	D'67	85.44	48
	Lohardugga	isanchi	m.40 bb 1	14044	404 54 8	distant :	1-11-00 q	B18817 B18767 B18767	014004 017544	NII	Nil	Nii	0148 0184	44'91 20'07	80 41
	Sregbhoom	Оручения		******	dan etel		14161	010101	gam (III h	2031	Nil	1962	0.38	46'07	50
	Manbhoom	Purutin	E. E. A.	177141	444161	#1++## A1#1#4	P**		F6F-44	Nil	NA Nu	NII	0.10	28.32	48
			w+1101	8+9 (44	""		111111		1 1		- 11	1 24 11			-0

Exploration -- Indicates that no rain has fallon. If the return for any day has not been received, the corresponding spaces in left blank. If any of the returns a wanting, the corresponding spaces in the total rainful columns are left blank.

CALCURYA, the 1st December 1884.

*SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL DURING THE WEEK ENDING THE 28TH NOVEMBER 1884.

The weather of the past week in Bengal was seasonable in character, and calls for few remarks. Pressure increased slowly and stendily during the week, and was considerably above the average at the end of the week. Temperature was below the normal. The mean daily temperature was about 24° below the average temperature of the season throughout the Province. The deficiency was chiefly due to the unusually low night temperature. The minimum night temperature was 4° in defect, whilst the maximum was only 1° below the average. The persistent low temperature of the past month is mainly due to the unusual stendiness of the northerly and westerly winds, and the increased dryness of the air in stengal, which usually accompanies a strong north-east monsoon on the Madras coast; skies were generally clear, and no rain fell during the week in the Province.

Pressure increased very steadily during the week, and was generally above the average. The mean pressure of the week was from '04" to '05" in excess in Orissa, Bengal, and Behar,

and was slightly greater in East Bengal than elsewhere.

Temperature was below the average. The deficiency was most marked in the night temperature, which was frequently from 4° to 7° below the normal. The following table gives the normal and actual mean maximum and minimum temperatures at eight typical stations and illustrates the temperature variations of the past week:—

				MAKINOM DA			MISSISCH ? PERAS	TURR.	
				. Normal average for week,	Actual average of work,	Deficiency.	Normal average for week,	Actual average of week,	Deficiency
Cuttack	***	***		84/0	83-2	0.8	63.9	888	67
Calcutta	414		149	79.8	78.7	1/1	61.4	58-1	8.8
Burdwan	pro-de	4 4 4	111	80.8	BC+3	0.6	80.6	67.8	3.3
Jessore		549	* 0.0	81.2	80.5	1.0	59.7	57:4	2.3
Dacca	44.6	1 19	* 14	91-7	50°L	1.6	62.1	60·8	9.3
Patua	9.00	***	f 40h	70 1	76-7	2.4	- 54-3	68.9	04
Purneah	24.9	111	161	80-3	60:1	0.1	55.8	51-7	4.1
Hazaribagh	***	141	***	74:8	74.5	0.8	54'0	52-1	4.1

The mean temperature of the week was nearly 4° below the normal mean of the week in Orissa, 1° in Chutia Nagpur, and 2° to 3° in Behar and Beugal.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 28th November 1884:—

				. 1	Lours	BATUI	RIL.					1	Batterin	ALI.				
			g week.	week.	Aver	ugen Cor	r week.	9 8	1	Di wee	ik.	R	niny de	yı.	Sinoe Inc.	int of still,	Hinor M	5 1893 MJ-
PLEOFOT WELFOFOT	e in the second	\$	Righest observed during	Lowest observed during	Of highest of each day,	tH lowest of each day.	Of mosts for excit day.	Average mean of week in	A Torago,	Normal average.	Variation,	veek.	Normal average num- ber in week.	Variation.	A varance.	Normal average,	Average.	Acemal arenge.
Orinja _	.,.	491	84'3	£3·8	301	87*8	88.7	-87	Mil	0.09	0103	0.0	0.8	0.5	0.08	1418	61.79	53'94
South-Weis Ber	Japp	pagea	88'1	63'2	79-7	57'4	_'da'8	-#O,	Nil	0.08	0'08	0.0	0.1	-01	0.08	0.37	44'51	51740
Best Bengal		***	88'44	56:0*	79°8°	00'l"	70.00	(3*0*	NII	0.18	-0.18	0-0	0.3	0'S	2.51	0*84	65'34	75'47
North Bougal	100	104	81·1	90.1	78'4	120.3	868		Ni	0*03	-0°08.	0.0	0.3	-0.5	90.0	0.80	5812	72184
Sorth Behar	101	101	89:01	48191	76'81	68:91	66'11	-211	Nii	0.09	-0.00	0.0	0'1	9°L	Nil	9710	88'10	47-18
lenth Behar	464	161	80.4	4672	20.0	62'0	84'6	118	Nii	0:07	-0107	0.0	0.3	-0.5	Nil	0.53	30'11	42'52
Chutia Nagpur	194	141	76'53	4011	78-61	61.61	02172	-1112	Nil	0.04	-0.04	0.0	0'2	-0-2	NII	0.92	35:40	47'30

* Barrial got included.

† Mozafferpore net included.

‡ Chychama not included.

METEOROLOGICAL OFFICE, BENGAL:

JOHN ELIOT.

The 2nd December 1884.

Meteorological Reporter to the Goot, of Bengal,

Results of the Thermometrical Observations taken at the Meteorological Office, Ohowringhee, from 23rd to 29th November 1884.

Morrs. A	842.12.23.9% Eumidity.	Inche Reta
28rd 68.9 79.0 92.0 67.9 62.0 47.8 57.4 68.9 78.9 24.0 64.9 61.3 47.7 57.6 68.9 79.1 93.4 56.7 61.4 47.9 47.1 67.	68 78 71 76	Ni
	78 71 76	13
26th 69 0 79 9 90 5 59 4 64 3 541 61 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	76	
27th 69 0 79 9 20 9 59 7 64 54 51 2 88th 69 7 79 1 16 0 01 1 62 0 475 57 5		
		16
	67	13
The mean temperature of the seven days	67.9	
The extreme variation of temperature	25·0 79·9	
•	%	
The mean relative humidity	71 Ins.	

The total fall of rain from 23rd to 29th November 1884 ... Nil

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h and minimum readings a correction dependent on the range, and derived from the hearly observations at the Surveyor-General's Office, Chowringhee, in past years.

Mateorological Office, India; Calcutta, the 1st December 1884.

H. F. BLANFORD.

Meteorological Reporter to the Goot. of India-

MEMORANDA.

During the week ending 15th November 1884, the birth and death-rates of the first class Municipalities in Bengal stood at 26.7 and 37.2 per 1,000 of population, respectively, as opposed to 28.4 and 38.5 per 1.000, respectively, in the preceding week ending 8th November, showing a decrease in the registration of both events.

2. The following Municipalities returned the highest proportions of births and deaths:—

		0 .			~				
	B	irths.				Deaths.			
				Ratio por milia.					Batin per mille,
Mozufferpor		***	114	68.8	Poori	414	191	141	70 6
Serampore		411	411	40° L	Daces	9.84	101	987	64.8
Durbhanga	94.0	***	014	40.9	Chittingong	***	***.	441	68.4
Santipore	44.1	***	841	89.6	Suburbs of	Caloutta	***	141	52.1
Gyn	p+4	810	***	95.6	Purnouh	*1*	911	441	51.9
Bhagulpore			141	84.4	Jessore	***	1114	144	49.0
Ranaghat		414		80-0	Burdwan	416	+91	411	468
Burdwan	100	110	411	29.0	Kishnaghui		104	441	45.5
Howrah	411	210		29.0	Naraingung	re es	+4.6	1-0.0	45.6
					Eantipore	114	***	89.5	43.8
					Beauleah	114	***		89*4
					Bhagulpore	441	14)	89 -	87.1
				1	Gya		400	616	36.3
					Mozufferpo	ro	801	411	31.6
					Soram pore	***	***		31-4
				i	Hooghly	411	***	64*	Bu-9
					Patna		P14	499	29.5

3. The mortality from the several death-causes exhibited in the table appended to this memoranda was as follows, in comparison with that in the preceding week :-

				Eatle	a per millo during	the weeks ending-
				184 h	November 1984.	8th Normber 1084.
Cholera		4.04	***		4.0	4.8
Small-pox	+ +	116	P 40	ARA	2	28
Fever		***	* 4.0	7.84	18.6	17.9
Bowel-complaints	1 10	4.00	444	* 4 *	4.8	5.7
Injury	100	144	1.00	1 11 4	.4	-5
Other causes	1.00	**	4.0-1	* 4 4	8.8	9-6

The noticeable features indicated by the above figures are a sensible increase of mortality from fever; and a decline of casualties from the rest of the death-causes except small-pox.

4. While the casualties from small-pox and injury were nowhere conspicuously large, the undermentioned Municipalities returned the highest death-rates from cholera, fever, bowel-complaints, and the diseases grouped under the head of "Other causes":—

Cho	lera.		Fove	77".		Bowel-con	nplai	nte.	Other	Cas	see.	
	E	mille.			Ratio per mille,		R	ntic per mille.				tio pe
Narainganj	*1+	37.3	Jessore		49.0	Serampore	100	18.7	Dacca		1	100.0
Chittagong	Par.	35.2	Purneah	***					Suburbs	of	Oal-	169
Poori	***	27.8	Santipore		26.8				cutta.			
Dacca	414	12.3	Burdwan	***	36.1				Poori			15.0
Kishnaghur	414	7.5	Beauleah		81.6				Gya			10.0
Suburbs of	Calcutta	5.4	Kishnaghur	*11	26 6							
Durbhanga	110	3-1	Ranaghat	400	24.0							
			Dacca	011	24.0							
			Chittagong		28.5							
			Poori	***	23.5	*						
			Suburbs of	Cal-	22.5							
			cutts		p [
			Bhagulpore		21-7							
		- 1	Hooghly	444	81.9							

5. That the death-rates under the heads of Sex, Class and Age, stand as indicated below: -

Accordin	g to Sex.	According	to Class.	According to	dge.
Males Females Ratio of male to every 100 deaths	Ratio per mille. 36 0 36 4 deaths female 118	Christians Hindus Mahomedans Budhists Other classes	Rutin per mille 17:4 36:5 39:6 24:2 73:0	Under 1 year 1 and under 5 years 5 , 10 , 10 , 15 , 15 , 20 , 20 , 30 , 30 , 40 , 40 , 50 ,	Ratio pe mille 259'U 40'3 24'2 17'7 27'2 29'2 25'8 25'8 37'7 93'1

R. LIDDERDALE, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

The 1st December 1884.

PB 1				n Ol salani disasi	Racto Dt rende d grony tou folloads	150	100	\$	ដ	No mate deaths.	90 c	135 E	10, 101	121	160	Ģ	\$20	115	1941	25	23	101	28	10 11	189	42	17	22	199	200	\$3					
			Bex.	Page 1107	Pennelok	Pos	0.53	37.3	_		F .	+ + +	1 1	7.00	0.57	1 1	17.0	0.50	60 10 01	D#77	19.4	100 m	62.52	69 60-	13	97.0	12.4	63.0	5-9-1	280.2	50 618 80	1.				
=				RATIO PRE LIGO OP POPULATION HER ANNUE	-Males-	40	9dl 05		51 23		- :	70 9	2 9	4.00	12	2 1.0	104	9.30	40 40 40	6.24	#F 60	31.0	38.0	1	65 65	0.21	12.0	31.0	28.0	#. T9	2					
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OR .		-		10 000'1 -	rag adjaob le citall 1 nag moltalinged dosw soulvery silt	1.68	35.0	5,53	10	4.6	30.0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 6	6 -	79.000	5 5	37.1	\$ 90	91 20 40	123	22	56.9	60 41 60	400 1 20	43.7	Ť	18.2	1.0	61	91.0	366.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
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			Disease			RAT	Cholera	1	÷	1	:	:	1.0	F-0	0	: 1		: :	:	60	87 1 - 60	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:	:	10	1	Ç	2.1	1.0	ę.	200	:	00 (%) (%)	0.7		
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	-		PUPULATION.		PULATI		, .mlagro?	16.012	16,033	19,539	12,937	2,461	41,639	104,234	14,916	4,655			0000	ST. 370	4,950	B, 790	5,333	61,475	37,851	54,545	19,038	32,322	67		288.49	0,533	11,265			
			2		Makes	19,063	18,927	19,179	13,549	2,046	d0,389	147,205	13,203	4,029	12,705	+,590	2 000 x	10,700	7,603	13,540	6,133	78,762	38,291	20,065	13,084	\$5,714	FH0123	18,040	29,154	. S. LCS	13,007	440				
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	1			•				: :		Serampure	Rowinh	24-Pergunnale		Nudden -	•	1	6	Jenilua	Daces	Chittagnug	Tipperab	Paths	Cya " A	States bad	Mounflerpore	Durbhanch	Sarub	Bhagalpore		;	:					

Surgeon-General,	
Deputy	
6.4	,
LIDDERDALE,	
Ä	

### PARTICLES Pa	Burdwin Burd	12.0	1							10			
Marie Mari	#AM EX OF MUNICIPALITY 19 19 19 19 19 19 19 1				MOBTALITY ACCOU	EDING TO-						,	
March 1989 Mar	Burdwin Burd	15	216.				Age.						
March 1985 Mar	Burdwall	RATIO PER LONG OF POPULA- RIOF PER ANNUE.		Deatus.				1,000		mi mi fi-	i ck	•	
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## Semiplers Baselskik	## Santipore	40	11.5, 35.1	- ;		*		7.1	19.91		14.141		-
## Barpore Baselash	## Lessore Barapore Beatlanh	4			* P				*	7 10	0.89	76.1	B 55
Company Searcheth Comp	Sampore Beauloch	4				1	0	-	16	-	34.0	9.9	
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Durbhacks	The Durbbacks	***	167	60 5	10	1	TDS-2	2.82	-		0.00	10.1	16.0
Chuprals	## Chuprah	* :	9.22	**	65	100	-07		187	**	14.0	0.91	17.
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Total 4 648 255 1 5 174 505 505 242 770 151 85 61 155 175 62 146 250 403 242 177 272 292 202		i to	30.1		1 20	pul	is	E-22		65 65			40° 10° 10°
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	TOTAL 4 648 299 1 2 17'4 35'E.	d d48 290 1	30.5 20.5 24.2	151 85 81	39 54 158 115	79 09 145	229.0	47.75		99	_	8.02	27-7

DPRICE OF SARTIALY COMMISSIONER FOR BENGAL,

SUPPLEMENT TO THE CALCUTTA GAZETTE, DECEMBER 3, 1884. 2433

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing the total amount of Traffic and Tolls on the Canais classed as Productive Public Works for the month of September 1884.

ORISSA CIRCLE.

Taldunda Canal.

LENGTH OF CANAL OPEN-274 MILES.

		1						
Number of boats,	Hature of Cargo.	Weight of cargo,	Value of curgo.	Maunds.	Tona.	Ton- mileage.	Tollugo.	Rate of toll per ton-mile.

LOCAL TRAFFIC.

(1)-PRIVATE.

	ARTICLES OF FOOD.		Mda.	Ru.				Ra,	4.	P.	A. T
9 9	Paddy	78-1	738	3,010	1.207	45 35	430 FIG	6 9	14 LSI	9	101114
	BUILDING MATERIALS.].								
	Cloyls 6 in number and piles	.44	****	15	******		PH = = 4	0		0	484141
	FUEL.										
1	Firawood	111	335	85	204	18	1170	2	ē	0	
	MINCHERAN ROUS.										
R	Passenger boat		186419	1.00 p. 0.00 0.00 p. 0.00	9,095 3,145	132	396 784	17	14	0	11 = q 4 +
6	Total		1,675	8,601	P,540	340	2,780	44	0 1	0	ρ 31
<u></u>	Total of same mouth last your		13,000	0,102	57,097	2,000	14,502	840	8 1		0 61

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

-					Mds.	Ra.					
- 1					M. U.B.,	Dial -				He, A, P.	
*	2014	449 111		1.61	r#r***				44111	list.	441-11
			9								
			Total .	11 de 1	******	181040	4****		P49-FEE	14	
- 63	T	otal of same moni	th lest year	***	7,155	259	10,041	690	2,010	67 8 7	0 44

ADSTRACT.

		-			1	1			
			Mdn.	Ra.				B4. A. P.	
	Private, including miscellaneous Government stores, saciuding ditto	444	1,675	3.661	9,545	310	2,7765	41 9 10	1 M 1 4 4 4
26	Grand Total	12	1,075	8,601	9,548	310	2,796	44 D 10	
166	Grand Total of same month just year	[20,815	6,440	76,738	2,760	17,082	388 1 6	4+4++

Man	ub.							Ra. A	. P.	
Unrecovered balance on the 1st of the month		10T 1			ada	44.0	_	65 1	8 0	
						44.0	Au ti	45	9 10	
					T	otal	217	Dt i	d 10	
Amount credited in the accounts for the custi	da		114	-94	10	***	-		8 0	
								(tab		
Salance at the end of the mouth	141	79b	100	494	499	401	***		2 10	

Kendrapara Canal and its Branch to Gundakia on the Gobri River.

LENGTH OF CANAL OPEN - 69 MILES.

LOCAL TRAFFIC.

(1)-PRIVATE.

A		APPROX	MATE.	TORRAGE OF	BOATS.			Rate of
Namber boate.	Nature of Ourgo.	Waight of cargo.	Value of sarge.	Maunds.	Tone.	Ton- pulleage.	Tollage.	toll per ton-mile
	ARTICLES OF FOOD.	Mda	Rs.				Rs. A. P.	A. P.
60 75 18 1 1 2 5 15 1	Paddy Rice Hetel leaves Gram Tormaric Cosisander Jaggery Cososant Salt Salt fish Fish (day) Spices	2011 200 500 200 2,100 20 30	7,500 80,000 5,000 5,400 7,400 2,000 2,000 4,700 100 100 8,000	9,641 45,000 1.77 2,523 344 204 452 210 4,775 73 1,40 1,085	344 1,007 0 94 10 10 55 21 178 3	10,041 34,441 50 8,481 420 716 517 5,599 80 50 3,752	120 8 10 804 8 8 6 8 8 8 4 2 0 4 2 0 5 8 10 1 10 1 1 6 9 6 6 6 6 7 6 8 0 10 6 10 10 6 10 10 6	01000 01001 01001 01001 01000
4000	Cotton twist and yarm (European) Titles	1,460 700 460 630	20:00 0:00 1:00 1:00 0:02:8	2.765 1.076 677 1,207	83 60 24 43	2,546 2,546 350 2,272	28 0 6 27 4 0 6 11 7 19 9 4	101144
15 16 2	BULDIEG MATTEIALE. Thes Building stores	200 4,044 1114 (160 4.00	20 100 30 1,700 100	356 8,969 196 1,629 666	18 914 7 58 24	406 6,3:7 168 2,114 1,196	1 13 0 66 2 :6 1 12 + 37 11 1 12 4 0	07 24 07 07 24 07
	FUEL.	1,000	100	3,037	71	2,790	30 la 6	06-1200
8	COOKING UTERSILS AND OTHER DOMESTIC IMPLEMENTS. Rarchware and cartilen pots	160	60	440	17	639	e 8 1	45.45
79 208 4 2 11 56	Passenger beats (3,108 passengers in number) Empty ditto Khareo Olenka Telegraph stores Miscellanous goods, &c.,	1,500 200 800 0,500	6,660 200 8,060 80,000	21,800 #2,781 1,724 482 1,548 17,180	843 614 62 17 48 681	40,340 24,210 2,814 690 750 28,404	635 (5 2 100 7 1 27 8 0 5 8 0 19 5 0	444 104
603	Total	01,400	2,00,040	1,49,939	6,340	250,067	2,259 6 7	0 10
563	Total of same month last year	47,860	2,36,690	1,75,763	6,15+	269.150	2,730 15 7	0 2.0

(f)-STORES AND MATERIALS FOR IRRIGATION WORKS,

	Miscrill weods.			Mds.	Ra.	Ro.			Bo. A. F.	A, 9,
8	Empty boats	107 150	107	111111	241019	030	a 23	03-4	4 14 8	12 4 4 4 1
3		Total	lér	4	111011	650	99	924	4 14 0	0 1'0
E5	Total of same month	last your	d y +	8,400	120	21,328	701	28,840	278 4 D	0 I.8

909 8	Private, including miscellaneous Government stores, including ditto Grand Total	ça- as-	Mds. 63,500	2,00,040 2,00,040	1,40,239 631	5,340 93 0,303	250,047 924 230,091	Rs. A. P. 2,259 6 7 4 14 0 2,216 4 7°	pdo mid h whole Ata day
538	Grand Total of same month last year	818	76,690	2,85,840	3,93,691	6,915	990,708	3,029 6 2	*****

0.				Re.	ă.	7.
_		194	401	8.254 2.564	14	8 7
***	**	Total	1111			-
ned.	+63	H	441			
403	109	681	and the same		2	
	***	000 000 000 000	Total	000 000 000 101 001 001 001 001 001 001	Total 7,520	Total 7,320 5

Of this Rs. 207-11-4 is the collection of (four) Canal Locks. Rs. 616-15-6 is the collection of Kandrapara Extension Locks, and Rs. 1,380-9-9 is the collection of Kandrapara Canal Locks.

High Level Canal, Range I.

LENGTH OF CANAL OPEN-34 MILES.

LOCAL TRAFFIC.

(1)-PRIVATE.

6								APPROX	HTANE	TORRAGE O	т Волта.	i			Rate of
Mussier boats.		Nn	ture o	f Car	NTF:			Weight of cargo.	Value of extico.	Maunda.	Tons.	Ton- mileure.	Tolley	(0,	toil per ton-mile
	-	ART	TOTAL	OF 1	qop!			Mon.	Ra.	1		i	Ba.	i. P.	A. P.
7 40 1 1 85 3	Paddy Rice Turmerlo Jamery Sals Coconnets Tamerine	101 101 101 100 100 100 100	-8- -6- -6- -6- -6- -6- -6-	0 + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 - 1 5 - 4 6 - 4 6 - 6 6 - 6 6 - 6	4 h b	41.	050 4,000 204 10 5,660 100	1,500 16,000 1,000 241 18,000 200 200	1.647 7.415 8.86 2.5 0.481 221	89 265 11 1 384 8	2, 004 8, 863 863 84 31,049 221 236	3 1 0 114 3	8 0 2 0 5 0 7 0 8 0	had DIE
	Вга	PLES	or B	IANU	VACT	URE.									
Me tot tot	Cotton hides Til seed	#1# 					40-4 40-4	300 200	1,000 2,000 1,000	487 410 870	16 14 13	50A 670 620	2 1	0 0	>44 aup
	В	CLLD	LNG	MATE	EIAI	s.						-			
10	Unwrough	t tipe	her a	nd pi	lea	414	4+1	500	BOs	63.9	19	810	25	9	1811-46
	DOORING T			STI O		: Domy	ajiic.								
1	Palm umbr	ollas			111	*11		80	20	186	6	204	1 10	0	-44,4
		M	SCHL	LANE	75.										
101 23 1 41	Rmpty bow Straw Oil-sake Misoplane		oods,	de.		44F	814 814	1,200 100 5,800	500 100 50,000	8,015 0,770 200 0,077	819 133 7 824	7,740 1,765 238 10,961	87 1/ 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	1844 4+ 4844 1- 884 2-
278						Total		17,900	87,870	43,139	1,840	45,999	450	9 ()	0 1'8
535	Total	lot i	usan e i	manth	Inst	you.	*10	23,5140	80,434	85,080	1,999	63,900	612	7 3	0 8.0

(a)-STORES AND MATERIALS FOR IRRIGATION WORKS.

	Mincrillandous.		Mds.	Ba,				Be. J. P.	Ai Pi
3	Empty bosts	841	*****	415414	1,200	\$65	1,612	7 18 0	114116
- 8	Total			*****	1,250	46	1,5)9	7 18 0	0 1.0
	Total of mine month last year		400	70	2,578	8.0	2,605	17 18 0	0 14

			Mds.	Bo.				Pe. A. P.	
278 3	Private, including miscellaneous Government alorse, including ditto	***	17,900	87,570	43,189 1,200	7,540 46	46,889 1,618	480 P 0 7 13 0	2 14 24 p
281	Grand Total	114	17,990	87,870	44,429	1,080	46,001	458 N O	40,110
340	Grand Total of passe month last year	hyp	24,340	80,520	68,888	2,094	60,074	689 4 3	*****

	мано								lta.	۸.	у.
Unrecovered beliance on the let of the mouth	140	*	***	will.h	- 44.0	29-8	8-IP 18	may m	203	5	D
Amount of taltiers for the month	p44	994	topad .	MIL	MP	100	1.0.0	444	438	-	D
						2	lazur	ede	040	11	0
Amount credited in the seconds for the month	444	нн		Aller	616	464	100	441	349	1 26	0
								-			
and the second s									-		- 4

2436 SUPPLEMENT TO THE CALCUTTA GAZETTE, DECEMBER 3, 1884.

High Level Canal, Range II.

LENGTH OF CANAL OPEN-124 MILES.

8		APPROXIMATE	Torkige o	BOATS.			Rute of
Number boats,	Mature of Cargo.	Weight of Value of cargo.	Maunde.	Tone.	Ton- mileage.	Tolinge.	toll per tournile,

LOCAL TRAFFIC.

(1)-PRIVATE.

	ARTICLES OF POOD.		Mdu.	Re.	1			Be, a	2.		A. 2.
8 11 4	Paddy Rice Tanuarind	489	\$,000 \$,000 200 BHO 100	8,000 800 8,000 8,000	1,181 8,083 809 1,386 480	129 111 50 8	1,688 77 588 W0	7 6 29 9 1 13 3 10 1 8	1 0		**************************************
1	Cotton piece-goods (Indian)	884	90	800	60	2	28	0 6	, 0		FWI ^+^
8 1	Castor seed	200	400 200),000 BUU	021 886	98 14	167 180	9.34		1	******
1	Bunders Mathrale. Tiles Hambos (1,480 in number)	200 841	100	30 80	131	9	96	0 11	0 0	. !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
i	Mischilashous.									i	
1	Empty boat Lac Small dengahs (17 in number)	***	80	300	1,777	. 8	618	0 1- 6 t			14074
58	Total	761	4,370	18,000	9,999	B57	4,913	08	l é		0 2
54	Total of same month last year	100	5,160	10,700	8,018	287	8,941	79 (0 0		0 9

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

			Mdn.	Ra.		1		Ray	٨.	F.	A.
.!	BUILDING MATERY	AXA.			1						
Đ,	Graval	104 414 14	3,700	80°	8,710	129	794	- 53	1		100
								7			
	Miscrilarious,										
	Empty boats	107 114 11		******	1,976	71	480	6	8	8	hiji a ga
9			4 555	30	5,688	208	1,918	29	4	В	61
18		Total	1,700	40	64400	mod.					

16	Private, including miscellamons Government stores, including disto	191	Mds. 4,370 1,740	Ra. 23,0	BD	9,988	807 203	4,013 1,218	Ha. A. P. 88 1 G 29 6 W	******
31	Grand Total	HILL	6,070	13,0	00	15,074	860	5,231	91 8 6	4 84 484
18	Grand Total of same month last year	100	8,100	10,8	0	90,981	100	6,850	144 18 8	1074+1
	Amount of solime for the mouth	10	, ,,,,	e savi	milet	Pipe Age	pp. sax	E144	92 S B	
	Amount credited in the accounts	for ti	e month		нч	200 000	Total 	545 544	206 13 G	

SUPPLEMENT TO THE CALCUTTA GAZETTE, DECEMBER 3, 1884. 2437

High Level Canal, Range III.

LENGTH OF CANAL OPEN-20 MILES.

20 1		Approx	KIMATE	TORREGE !		Ton-		Rate of
Number boats.	Hature of Cargo.	Weight of curgo.	Yalus of ourgo.	Maunds.	Tons.	milesko.	Tolings.	ton mile.

LOCAL TRAFFIC.

(1)-PRIVATE.

	ARTICLES OF POOD.		Mds.	Bo.		Ì		Ro.	Δ,	P.	A 2
0 1 "1	Rice Pulses and other grops, tamarind Fruits and vegetables	# 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1	500 100 80	1,500 2,000 250 150	814 851 206 172	10 20 7 0	922 040 140 140 166	5 B 1 1	1 8 4 1	0 0 0	en a P tol all b bala sel Papy +8 da s s
	STATEM OF MANUFACTURE.										
-1	Costor seed	476	200	800	399	1.6	262	- 3	θ	0	retanj
	BUILDING HATERIALS.		1				- 1				
1	Tibes at at	ard	900	20	810	11	177	1	18	0	nd I * * *
	MIRORLEANBOUS.						1			ŀ	
10	Empty boats	* ***	mb # 11 pt s	441141	092	25	341	8	2	9	484 584
20	Total	det	1,650	1,720	8,443	192	1,766	10	8	3	0.11
24	Total of same month last year	190	1,860	4,000	3,130	113	1,000	30	11	9	0 7-

(2)-STORES AND MATERIALS FOR IRRIGATION WORKS.

								M.da.	Ra.				Ra.	A.,	P.	Α.	P
		Bun	DEFO	MATI	PIATE.												
0	Gravel	114	48.4	***	+44	447 4		a,000	50	6,970	177	1,239	01	1	6	191	1004
3		141	Eth ey	44,17.00	DN.												
9	Empty	boate	604	190	+9+	100 0	_			1,989	70	400	0	0	0	-14	drafter l
ıD.					Tot	al .	"	8,000	60	0,988	247	1,720	37	1	0	0	7
1.6		Total of	section:	menth	a last yes	AF .		8,500	70	5,057	160	1,480	213	15	8	0	7

20 Private, including miscellaneous	Mdn.	Ba. 4,720	8,443	128	1,798	Ps. 4. P.	A. P.
19 Government stores, including ditto	8,000	60)	0,832	247	1,719	37 1 6	741111
30 Grand Total	4,550	4,770	10,875	869	8,495	60 6 8	leppor
40 Grand Total of same month her year	8,450	5,080	9,190	291	3,184	46 11 0	107414

Жимо.					Ba. 4. 2.
Dyracevared balance on the lee of the month	194	994	100	***	190 6 8
Amount to tolings for the mouth	-	-	-	red	8 8 88
					-
			Ental	-	176 13 O
Amount creatend in the accounts for the months	-	-	9-9-1	***	190 10 0
Bulance as the end of the	ardings	-	46	-	257 0 0

SOUTH-WESTERN OIRCLE.

Midnapore Canal.

LENGTH OF CANAL OPEN-68 MILES.

LOCAL TRAFFIC.

(t)-PRIVATE.

			* Дурко:	ETF FEE	TONNAGH C	BOATS.			Rate of
DOB(M.	Mature of Carno.		Wnight of ORTHO.	Value of cargo.	Maunds.	Tonis.	Ton- milesae.	Tollago.	toll per ton-mile.
	Agrician or Poop.		Mdu.	Ea.				Re. A. P.	A. P
20 20 20 20 20 20 20 20 20 20 40 40 40 40 40 40 40 40 40 40 40 40 40	Kico Wheat (Iram Frunts and vegetables Sugar, marellued Sigar, sarellued Sigar Coll Spices Fish Betel leave Cord Coccumute (116,800 in number)	20 Ade 27	49,410 \$3,785 1,025 24,845 13,149 11,870 65,178 500 275 1,302 4,405 1,475 610	58.981 1,97.349 4,125 71.066 4,796 4,796 1,07.217 5,200 2,440 13.660 13.660 14.670 2,823 1,048	1,04,890 1,04,745 30,484 6,725 27,565 1,31,325 1,325 3,045 4,251 22,574 P,105 1,600	Description of the state of the	PRES D-10 PRES D	1,553 12 9 1,032 9 0 17 4 5 622 13 6 02 9 6 148 0 3 1,100 7 6 28 13 6 28 13 6 16 15 6 28 13 6 15 15 6	### ##################################
17	Pohacoo		0,605	B2,070	15,400	harben	49 - 1-1	168 10 0	40 h 2000)
	CLOTHING.								
9	Water Area Appropria		1,060	1,10,500 1,02,560	6,185 3,490	10+112	473047	62 0 a 29 1) 6	#10000 #14000
B1700183211	Salk Cotton Do, twist and yarn (European) Jute Hides (6,880 in number) Horns Indigo-saed Limeced Mustard seed	MF (E) 10	11,148 20 930 0,499 1,250 1,785 350 4,500 625 5,065 625	4,07,735 8,000 17,150 5,92,990 17,910 2,980 12,980 1,937 23,980 1,937 23,980	\$0,340 6.25 2,375 24,450 3,960 3,710 8,325 3,73 13,300	101000 101000 101000 101000 101000 101000 101000 101000 101000	pysingq desides hequipus fda-yd evi-yz sigrac s sigrac s sigrac sigrac sigrac sigrac s sigrac s sigrac s s sigrac s s s s s s s s s s s s s s s s s s s	214 15 6 12 13 6 11 6 0 177 25 0 14 6 0 17 1 2 14 7 6 0 17 2 3 6 11 6 0 0 17 2 3 6 11 6 0 0 17 1 6 0 1	0.00000 0.21 min map map map br>map map map map map map map map map map map
	BUILDING MATERIALS.								3
ы	Bootkey	711 in	110 1,000 2,000 40 3,400 300 87,964	45 987 1,851 90 382 75 47,771 12	1.750 8.075 8.175 176 2.158 626 36,566	DEEPO DEEDO OEDO OEDO OEEOO OEEOO OEEOO OEEOO OEEOO	Philod Ripadi Biron grahada Ridagg Pdingg Pdingg Pdingg Pdingg	19 0 6 96 5 1 1 U 33 D 4 9 8 0	বন্ধ ব চু চু ব ন ব চুছ ব ন ব কুছ ব ন ব ক
	Live-Stoce,	,						1 19 0	
1	Bullock, each and sow (8 is number	9		16	100	illiteal	111781	1 73 4	466171
3	Conland cohe Charconl		10,595 1,055 4,220	5,789 1,203 705	22,775 4,5%) 8,600	******* ******	(1414) 	100 12 0 43 0 3 100 3 0	Estado esema esema
	Cooking Terrells and other Do- leplenders.	MESTIC							
9	Earthenware and earthen poid Stone plates	1 100	4,700 430 40	1,405 780 200	17.745 1,145 100	18+446 -+100 1004	771-11 114484 544141	50 7 0 12 13 0 1 6 0	**************************************
	Мунскальност.								
77	Striw (1,461 habans) Oil-cake Furnature Gunny (200 in mamber) Muccellancous Other oils College saling substance Cofr rope	oo bud ov del del del del del del del del	18,804 12,430 555 60 6,253 8,089 1,295 885 100	4,645 13,035 3,776 400 4,381 13,864 1,860 1,900 600	81,965 1,94,850 34,950 27,500 150 150 0,050 2,990 1,330 425	DPFREE O. VOE ADEETS (E) ALA EDITOR (DVEEN ADEEDA	210101 210101 210101 210101 210101 210101 210101 210101 210101 210101 210101	073 (1 5) 1,65) \$ 0 1,60 (2 0 1,60 (THE POP OF T
7	Damurrage Total		5,86,295	18,43,427	11,40,848	40,888	6,84,320	10,046 16 0	0 3:9
5a	Total of same month last year		4,77,063	80,03,046	12,13,600	40,830	7,88,001	11,689 11 10	0 21

SUPPLEMENT TO THE CALCUTTA GAZETTE, DECEMBER 3, 1884. 2439

Midnopore Canal-concluded.

8			AFFROX	TMATE	TOWNAGE O	BOATS.	***		Sate of
Number bonds.	Nature of Cavgo.		Weight of cargo.	Value of cargo.	Maunds.	Tons.	Ton- mileage.	Tollage.	toli per ton-mile
	(1)STORES	ANI	MATERIA	als for 1	BRIGATIO	N WORE	в.		
2	Building Materials. Building stores (latarite) Miscrelanious.		1,490	224	9,500	48.4		75 0 0	48884
1	Empty bosts	484	*****		675			F2 4 0	788784
8	Total	401	1,440	226	8,075	110	5,451	92 4 5	0 5'4
411	Total of same month last year		487944	******	.46	*****	P\$4	r+1616	
			AB	STRACT.					
4,467 8	Private, Including miscellancous Gevernment stores, including ditto	# hs	M ds. 8,96,205 1,400	Re. 16,43,427 224	11,40,846 3,076	40,938 110	684,R20 6.451	Hs. A. P. 10,044 14 0 DH 4 0	10 04 4 °
4,460	Grand Total		8,97,095	18,43,681	12.40,020	41,008	610,280	10,787 N L	
4,996	Grand Total of same mouth last year		6.77,968	20,93,045	12,12,600	43,500	739,391	11,838 11 10	46114-
			3	tamo.			Ra. A	. 9.	
	Opposite of tollage for the	he li moul	st of the mo th	15-621	*** ***	*** ***	1,780 3-		
	Amount credited if the a	raon	nie for the	month	70	tal	72,467 (10,737 8	1 11	
	Halance at	p.lgm	end of the m	ionth	41.	411- 444	1,7#9 1	5 2	

Hidgellee Tidal Canal.

LENGTH OF CANAL OPEN-29 MILES.

LOCAL TRAFFIC.

OH-PRIVATE.

		_				-			_	l .	1				_	
		ART	ICLIM	OF F	ODD.			Midu.	Ba.				Ra. A	ķ,	\mathbb{P}_{τ}	A.
	The states				414		104	60,195	55,934	1,05,188	4	237214	1,897	0	0	
277 29	Paridy Rico	4-4	sat 1	410	***	***	p.e. 1	33,145	24,596	25,000	111-11		216	8	Ď	A 74.44
139	Oram	101	144	000	du d	,		銀5日	900	675	14-418	******	3	15	5	H+d sha
11	Pruits and	VERO	en lifen	648		44.8	111	1.48	140	2,800	107418		1.0	Ď.	8	
18	Jacoust	111	14.5	Par	914	411		1,180	3,230	2,986 450		218191		14	D.	*****
1	SHROP				***	***	144	10,855	27,137	24.975	111649	*****		1	n.	441111
46	Mali	.,,	m de 1	***			111	1,590	18,440	7,890	Hinne		270	5	3	- 01-41
34	Oil	** 1	++4	141	->4	411	64+	Thins	20,000	Unio	187414	171317	82	5	9	17711
			Bern	TLAN!	r.										ŀ	
55	Tobacco	***	411	411		844	11.	10,676	68,960	\$3,675	4=1-272	141400	429	ā	6	*10***
	2000	***	Съоті				•									
-	Cotton pice					44.4	104	1,685	37,125	5,480	117110	* 111100	75	Lá	8	
17			ou M.				,,,,					******		0	10	444.000
	BTAI	1.112	03. W	VMOR	E OF C	4.70										
	Tuba				114	***		60	1.60	125	10.41.4	1	â	11	0	
1	Higher	mb4	141	D-dea	195	***	494	110	2,500	250	*5 17 54	4+4491	1	11	6	117 144
	В	CEL	(xo l	EATE	LEATE		i									
								100	35	280			2	4	6	
1	Tiles	111	417	+++	N-Professional Contraction of the Indiana Contraction of Indiana Con	441	101	1,000	473	3,745	441600	11144	20 1		ö	1.00
Ц	Chouting li Unwrought	Pire	hermn	d plie	d err	51.4		3,045	700	1,440	et burr		3.9		ě	4 th resided
3	Hazz boom		4.1	141	448	614		600	670	1,125	BI bugg	Iva HII	D.	L	9	
	P. Control of		Fu													
								1,009	250	2,650			26 1		- 1	
6	Con and oc) jue	1-01	411		***	11-1	1.00	100	520	**** **			7	6	117409
6	Firewood	sed	4.94	*1-	14.0	èss	++1	477		000	971168	400.11		-	٠,	1 to Publish
	Conk	ING .	UTERI TIO la	ILO A	ND O	T ILBİ L L										
0	Earthware.	and	eartho	apoti		***	***	270	åp.	500	10 1000	ND+ 54 E	- 6	2	4	****
		TiPe.	SCHIL	W 00 /51	7.4											
- 1		Int I s	20 Kielen	P.M. Brox			- 1									
07	Paraeugus I	tene	104	414	n mir		-44	1414.50		8,749	PR\$11.1	45144	93	3	8	164 will
al I	Empty	do.	704	914	14	411	18.6	11-111	W	451, 157.5	494 (8)	*81349	635 I		4	444-400
70	Hickory	111	5.81	PH	416		M4	15,230	8,425	30,050	******	17111		T	# 1	101191
16	Bata	+1-	napt	244	***	ss bob		1,10	4,699	F1000		******	28		9	
242	Magcallane	att.ii	**		84.0	204	100				41 -000	Balta a	7.0	3	9	1000
165					1	(ore)	395	1,11,000	2,51,955	3,17,170	11,394	181,657	3,390	l i	0	0 0.3
661	Tel	to fa	PAZNO:	manti	h famili	YOUR	201	2,12,645	8,96,000	6,12,435	18,303	301,012	6,311	1	0	0 8.9

Hidgelles Tidal Canal-concluded.

75			APPROI	EMPATH.	TONBAGE O	r Boats.			Rate of
Number boats,	Mature of Cargo.		Weight of	Value of entro.	Manuds.	Tona.	Ton- mileago.	Tollage.	toll per ton-mile
	(2)-8TOBE	5 A.I	ND MATER	tals por	1RRIGATIO	n worl	X8.		
	RUILDING MATERIALS.		mds.	Hs.				Ви. А. Р.	A. 1
1_0	Timber		20	100	60	b>44 ab	160411	0 4 3	P\$111A
1	Empty boats		******		401	448104	404019	0 4 3 0 11 0	19194
8	Total		35	160	180	G	70	1 8 8	0 5.8
1	Total of same month lass year	404	30	2,000	70	ż	72	1 6 0	0 8'8
				BACT.	1		1 :		
365	Private, including miscellaneous Government stores, including ditto	414	1,12,000 55	Ra. 2,61,955 150	8,17,470 180	12,588 6	186,167 70	Rs. A. P. B,880 14 0 1 3 0	find miles
368	Grand Total	,	1,12,035	2,52,116	3,17,650	11,844	184,237	3,391 2 4	
962	Grand Total of same month last year	110	2,72,675	8,50,000	8,12,856	18.305	301,084	5,318 9 6	drill di sor
			M	RIKO.			Rs. A. P.		
	Unrecovered balance on Amount of tollage for the	the be m	ist of the me	onth	441 414 61 600 444 A1		1,207 2 6 8,391 1 0		
	Amount credited in the	mono o	unte for the	month	Tota		4,895 & U 8,196 & 6		
	William Caldernen itt und								

SONE CIRCLE.

Eastern Main and Patna Canals.

LENGTH OF CANAL OPEN-86 | MILES.

LOCAL TRAFFIC.

(1)-PRIVATE.

						_									
		ARTI	CLES (or Fo	OD.			atds.	Ra.				E4.	A. 2	A. 2.
_	TITL A							490	698	711	253	2,1174	21	1 (d
2.1	Wheat Pulses and	nelling	e essentiali	# 1 d	4=1			185	1400	405	174	7241	7		777199
1.3	Proits and			***	41 P	***	111	2,800	4,430	8.518	25Gè	10,377	306		O-Diese
	Jaggery	regu	114	111	14.0	100		140	200	582	18	#4G		10 1	
1	Salt	141	2 24	***	414	P14	101	670	1,400	793	#81	2,2614	83	B 4	5
3 1	Glaco	***	111	***	B1 6	144	+41	19.5	1,480	195	7	808	4		
-			Brind		٠.		- 1								1
			D4 1 10 0	the w				200	800	661	151	0000			
1	Tobacco		***	rik	***	443	110	200	800	day	102	9921	9	26 6	717198
			CLOTE	пио.											
1	Cotton pied)e-[(o()	da (În	dian)		File		800	2,200	420	21	1,576	12	15 8	
	Bra	PLEG	or M	AVUS	ACTU	RH.									
	lron							28	100	777	6	870	8	0 1	
1	Hidell	191	184	# 1·4	P11	14.1	110	1, 440	10,000	2,280	803	4,338		13	010101
53	Linsood		144	444	D+ D	140	141	9,437	81,380	14,479	5381	82,408		3 4	
rur			TKG M		***							,			411191
			1.19 61-34	LACT HER	h Lall, al-All e		i				at the day				-
l1	Alarso lime		444		n. h lib	1==		4,000	680	6,251	186	12,760		15 2	
3	Kunkur	4 47 -		A - 17		111	411	0.40	40	1,000	894	859		4 5	
1	Unwrough	i um	DET BEI	n brasi	0 (0 62	TITHERS	J 400	P 90 man	1084	140001	PERMIT	6-1166	9	15 (· *****
			Pr	al.											SELL S
1	Firewood		44)	***	847	-81	4+1	101110	\$80 h L q	1801-00	******	******	٥	7 6	
	COORING		EILE AY			DOME	grad								
9.	Earthware	and	ourthe	n pota			.,.	39	8	841	1.03	245	8	10 8	, went
		Mne	CHILLAR	FOCI	١,										
20	Passenger !	bout ((62 in c	rtica i bi	er1		491	100/201	lmin	938	325	1,0104	21	0 0	
60	Empty	do.	+41	441	114	PRIF	-	44111		9,671	BIAL	10,181	84	2 2	171111
1	Dillo		for iro			144	104	111449	104111	307	81	10		1 6	
1	Ditto	do.	Govern	DED GD	L Hary	go	J			9214	84	1990	3	8 8	
1	Chalk	ave.		, .,	*11	***	10	600	490	22,444	28	1,780	18	3 9	
56	Miscellane Gupes bas		444	***	+++	444	161	13,310	34,049 1	61	8011	\$7,140} 40	676	5 B	******
	Gottle) mek	780	+4+	100		***	J.n.J							_	
37						otel	191	\$3,004	PES,839	04,578	2,800	141,1104	1,398	0 0	0 1'8
$\overline{}$				digos				1,12,901	3,16,807	1,80,097	6,7501	473.389k	4.678	5 6	0 19

SUPPLEMENT TO THE CALCUTTA GAZETTE, DECEMBER 3, 1884. 2441

Eastern Main and Patna Canals-concluded.

70	Wature of Cargo.	APPROXIMATE	Товилон с		Ton-	Tollage.	Rate of
Numbe bosts.	MEDIES OF CRASO.	Weight of Value of cargo.	Maunds.	Tons.	mileage.	I Disalte.	ton-mise.

(3)-STORES AND MATERIALS FOR IRRIGATION WORKS.

	BUILDING MATERIALS.		Alcin.	Rs.				Es.	å,	₽.	A. 0,
2	Sal plants	41.4	400 150	190 768	617 620	. TÞ	110 290	1 4	9	Ü	641114 841114
	Miscriabious.										
B	Empty boats Btores, &c., Hanigungo pipes	411	141111 100	250	059 100	316	0.50 140	8	20.00	9 \$1	411740
9	Total	711	640	8,080	2,263	752	1,176	0	p	б	0 3
ni.	Total of same month last year		1,950	270	6,035	2012	4,773	55	11	9	0 9

ABSTRACT.

			Mds.	Rs.				R4. 4, 1	
137	Private, inducing miscellaneous Government stores, including ditto	#+# # 1 +	28,024 640	69,538 1,000	64,57K* 2,202	2,840 763	141,110]	1,388 9 9 9 II 6	111444
346	Grand Total Dedact error	***	83,734	89,588	66,840	2,3782	142,5021	2,397 10 S	11-1-1
							!	1,303 6 9	
505	Grand Total of same month last year	44.4	1,14,751	8,17,357	1,04,681	6,931	470,162}	4,734 1 8	*****

36:	RMO.					Ba.	ă.,	P.
Unrecovered balance on the 1st of the month	H I	mp.h	10.0	rès	4 ml	430	6	9
Amount of tollage for the month		8+4	*911	1016	+6+	1,396	- 6	ø
				Total	9.84	1,818	11	- 6
Amount credited in the accounts for the month	101	404	-	***	101	1.307	15	g
Balence at the end of the month		886	***		-	807	LS	6

Western Main Canal.

LENGTH OF CANAL OPEN-22 MILES.

* LOCAL TRAFFIC.

(1)-PRIVATE.

	ARTICLES OF FOOD.	ļ	Mds.	Ru.				Ba, A. P	14	A.,	9,
3	Spices (secrab)		800	16,000	1,100	39	3,940	Ø 14	0		
	STATUSS OF MARCPACTURE.								1		
7	I disseed Poppy seed	Bl-1	-000,0 -008	10.800 2,440	5,3%5 700	197 18	1,750	84 E (8		
	Building Materials.								1		
1	Stone publics		1000	46	625	22	1,780	1 15	8		
	COOKING UTERSILS AND OTHER DOME INTLEMENTS.	1110		•							
3	Genad-will stone	041	8,010	800	7,875	981	2,610	24 9 1	0		
	MINCELLANDOUR.										
1	Pagaergar boat	411 411 514 978	620	410	100 676 1,175	8 17 48	710 260 420	1 10	0000		
0	Total		12,620	35,715	17,075	620	11,129	63 2	0	0	1
1	Total of same month last year		23,317	40,010	* B2,950	1,143	18,501	188 6	0	0	14

Western Main Canal-ooneluded.

Ö		APPROXIMATE	TORMAGE OF BOATS.			Kate of
Formber bombs.	Nature of Carm.	Weight of Value of cargo.	Maunda. Tons.	Teb- mileage.	Toliuge.	toll bat

49-STORES AND MATERIALS FOR IRRIGATION WORKS.

•				Blds.	Ro,				Re. a. P.	
10.0	Ni	are per end ben yes	141	er a blid	******	.15***	41 8+61	4 10 944	******	441404
9.4.4		Total	4 > 1		******	-414,)	tedito	1 == 44+	*****	411171
3		Total of same month last year	***	600	20	750	26	1,287	7 8 0	0 17

ABSTRACT.

80	Private, including miscellaneous Government stores, including ditto		34 d n. 19,840	55,716	17,676	618	19,180	B5 8	- 1	444+1
85	Grand Total	07-	12.K£0	85.716	17,576	636	12,120	83 3	6	
63	Grand Total o same month last year		13,717	49,030	82,800	1,100	19,878	195 14	0	H4+++-
	Amount of tollage for the mon				191 A.	890	611	63 2 6		
	Amount predited in the account	ate for	the month	nq A	114	Total	506	63 6 2		
									,	

Arroh Canal.

LENGTH OF CANAL OFEN-65 MILES.

LOCAL TRAFFIC.

(1)-PRIVATE.

		ARTIC	LES	or P	00D,			M da.	Re.				Re. A. P.	As We
8 20 75 12 23 2	Wheat Gram Fulses and Sugar Soit Oit Spices	other	orc/po	**************************************	 	1777 **** **** **** **** ****		1,606 (%) 6,181 5,481 7,179 901 436	2,018 1,260 10,362 85,370 21,534 0,010 835	1,608 T,660 T,660 T,661 6,031 8,076 T,100 T,108	57 59 417 179 545 39	540 540 7,628 7,045 10,508 468 8,200	6 18 A 0 14 9 70 0 3 64 8 9 165 5 9 4 11 5 30 12 3	tinop tinop resps troops
	STA	raile ()r M.	ANDI	ACT U	III.			1					
B 11 11	fron Hides Linseed Masterd so	ed	20P	101	110	010 +1m 014 010	100	1,764 20 0,087 618	10,884 100 18,981 1,884	9,504 7± 7,187 718	91 9 25d 25	4,000 32 10,172 1,780	45 4 3 0 7 6 310 3 6 10 15 0	n e fid tipp
-	I	terma	ro b	[ATRI	neaga.									
\$0 14 8	Building at Stone have Ohostong li Bumboos	.,	4110 444 414 177	411 mod do) bot	rad pro- kgs +45	444 443 444	419	9.675 4,183 1,902 26	1,848 4,138 280 7	19,878 6,823 1,302 126	450 253 48 4	23,190 10,500 742 48	187 0 8 128 4 8 7 18 9 0 11 9	01 Ph 2+ 21 Pl 2+ 2 h 2 2 4
		Man	ciditi	rain aleus	GØ.			-						
20 120 2 7 8	Pamenger l Empty Scraw Furniture Transure Gunny Gargo or re	do.	***	400	0-01 700 400 400 401	Brdm durb ddw Aph 1111	dd i bd i do t www. Egs 	\$19 109 170 56 1,018	54 3, 945 8,34,000 580 4,072	\$,780 11,023 +10 +20 100 1,218	117 411 14 30 15 7	3.140 7,019 790 854 146 450 8,410	28 0 9 27 8 6 9 6 9 9 10 6 1 13 3 113 3 20 10 0	POT TO BE
164					T	otal		47.769	0,04,041	81,173	2,680	118,975	878 5 ¢	0.14
51	Tat	al of m	1000	nouth	lost 3	car	bay of	64,075	1,61,210	121,198	4,820	162,153	1,408 2 0	0 1:0

SUPPLEMENT TO THE CALCUTTA GAZETTE, DECEMBER 8, 1884. 2443

Arra Canal-concluded.

	· ·								_
umber of	Nature of Cargo.	٠	Weight of	Value of curso.	TORNAGE (Tona.	Ton mileage	Tollage.	Ra to of toll per ton-mile,
E S				20177	!			<u></u>	1

(2) STORES AND MATERIALS FOR IERIGATION WORES.

	Buildi	NG MATE	RIALA.		Mar.	Ru.				Ra.	Å٠	F.	A. E.
17	Building stones	***	e constitution and the		6,086	14,816	7,386	282	10,090	64	6	3	
		FURL.						ļ					
0	Firewood	41)4		.,,	1,892	630	2,102	89	1,880	18	8	8	Aurach
	Man	CELLLEG	V6.	İ								- }	
18 4	Empty hoats Stores, &n.	111 114	*** +11	141	1,978	4,595	2,099 8,275	75 61	2,910 6,132	13 46	9		497810
40			Total		9,451	20,440	14,280	509	10,747	184	á	8	0 1.5
9	Total of a	ame month	last year		1,639	58, <u>495</u>	2,726	07	4,996	41	10	9	0 11

ABSTRACT.

	•	1	Mda.	Ra.	4			Ra. A. P.	
364 40	Private, including muscellaneous Government stores, sucluding ditto	10.4 10.4	47,768 9,481	6,68,041 19,440	81,173 14,200	2,899 508	118,975 19,747	878 3 0 134 4 B	140000
401	Grand Total	411	57,210	6,97,461	05,428	9,397	135,719	3,018 7 6	100-
440	Gennd Total of sums mouth last year	,,,	68,007	2,19,414	1,23,010	4,417	187,149	1,617 12 9	197411

	Muno.				Re.	<u>.</u>	₽.
Unrecovered balance on the let of the month	1+1	101	14*	P47	179	В	3
Amount of tellage for the month	P	nepr	. 101	400	1,012	7	0
							mile
			Total	100	1,191	10	9
Amount credited in the accounts for the month	H-04	444	***	-	1946	2	9
				,			
Balunes at the end of the month		(844	F81	No.	848	В	9

Buxar Canal.

LENGTH OF CANAL OPEN-45 MILES.

LOCAL TRAFFIC.

(1) -- PRIVATE.

	ARTI	CLUB	or Po	DOD.			Mds.	Ba-				Re.	Ă.	P.	Bq. 4
2000	Wheat Gram Gheo	186 441 771	84 P 414 44 6	06+ +84 (34	4 84	8+4 +++ 41*	250 1,80G 126	2,500 2,500 2,840	2,850 2,850 226	14 84 8	990 6,7du 399	\$3 83	8 7 1	980	441144 44444 64444
		Pott	MIRO.			. !	- 1	1	i	1				-	
2	Cutton piece-good	la (To	dian)		Pro		35	300	3.95	4	344	1	11	6	
	Braruse	от Н	LANUS	LOTU:	lelli.	i	i								
714	Kavari Mustard seed Howah	g+4 g+5	***	***	++1 ++1	***	2,332 187 463	2,372 955 465	2,915 238 560	104 8 80	7,840 360 900	59 1 8	1 0 20	9 6	approp
	BUTLE	TEG 1	KATH	erazo.											
	Bullahs 700, we numbers.	od. 73	sp, bas	nbood a	1,100	in in	114544	141796	Miles	146884	866+97	88	6	0	#1618 4
ľ	GOORING UTEN	KITA A	LED OF	rayin.	DOME	HETC .		•							
7	Stone-mills	1.0	68 P	##1	2.00	t pu	8,636	176	4,408	132	7,005	άE	4	6	*****
	Mx	MILL	AMMO	0164							1				
1	Panarager bont Empty boats	419	a B d beb de	111	HI	111		001040 001101	3,525	63	2,080		12	8 2	90-000d
1	Expert tellage	1111	***	1 ***	414	911	78	200	98	8	185	0	17	8	0/0000
0	Trans south	441	***		fate	-	8,775	2,890	15,043	a 488	25,763	951	đ	7	0 15
	Total of			Inst	r and	-	11,427	\$1,115	17,070	des	23,719	284	7	0	1 12

Burar Canal-concluded.

0		APPROS	CEMATH	Тоннави	DE BOATS.	Toz-		Rate of
Number	Nature of Gargo.	Weight of curgo,	Value of oargo.	Manuale.	Tons.	mileage:	Tollage.	ton mile.

(1)-STORES AND MATERIALS FOR IRRIGATION WORKS.

					M da.	Ra.				B1. A. P.	A. Y.
271	3011	FQ6 1-4	*** ***	101	41.4-1	147-17	100.00	411414	despt of	899407	Fa = 5 pp
			Total	oles		***1**		4-1/-	*****	714411	3-3-61
3		Total of same month	last year	101			150	6	246	1 9 8	0 1.3

ABSTRACT.

			Mda.	Ra.				Es. 4. 2.	
dite.	Private, including miscellaneous Gountment stores, including ditto	ra t	8,775	2,898	13.643	455	23,766	224 6 8	er do-p
60	Grand Total	***	0,775	9,890	18,643	485	23,760	\$23 6 3	77-10-1
98	Grand Total of same month last year		11,457	82,115	17,820	63-9	2:,900	286 9 8	69.03

	Munto.								Be.	4,	Z.
Enrequirered balance on the 1st of the month	11+	441	061	+44		100		104	30	11	
Amount of tollure for the mouth	***		***	***		11	•	1-11-4	2113	6	S
						T	rta!	***	253	1	6
					Ha.	ä.	p				
Impact aredited in the accounts for the mosth	1-6-9		499		732	0	8				
Deduct erroneously more credited in last mouth i	n tollage now	written	back to a	COLUMN	0	7	0				
					_	_	-		2)3	3	4
											_
Balanco at the and of	throse and	8.61	+++	1-64		414			440	18	

ABSTRACT FOR THE MONTH OF SEPTEMBER 1884.

	TRAFF	IC, 1184-88.	TRAFFIC	, 1868-84.	
CAPAL.	During the month.	To and of the month.	During the corresponding month.	To end of the corresponding munich.	Research.
ORESAA CINCLE.	Be. A. P	He. A. P.	Bet At 2.	20, A.P.	
Ent.drapers Sign Lavel, Range I	## U 10 #,984 4 7 #84 5 0	14,296 11 8 2,844 13 D 1,926 13 P	886 1 6 8,029 4 8 030 4 8 144 13 3	1,784 0 0 19,665 2 0 2,066 11 6 1,726 4 3 424 7 11	
Total Origin Circle	2,895 1 2		46 ti 0	25,048 1 4	a.
Seogne Washin Cincin.	10.787 T 6		71,432 11 10 5,313 9 6	60,688 6 11 57,533 14 5	
Total South-Western Circle	. 14,128 8 4	05,228 4 8	10,847 5 .4	98,614 7 8	
SONE CERCLA.					
Western Hath L. L. L. L.	1,801 4 6 83 2 6 1,012 7 6 222 0 6	8,876 5 B	4,734 1 8 195 14 0 1,547 12 9 288 0 3	19,120 B D 1,785 B D 10,841 12 B 9,040 B B	
Total Sone Ciruse	. 8.713 5 6	18.773 0 đ	6,763 18 B	29,184 Q Q	
GRAND TOTAL	19,780 9 11	1,72,618 8 9	27,840 8 P	1,58,004 8 6	

SUPPLEMENT TO THE CALCUTTA GAZETTE, DECEMBER 3, 1884. 2445

GOVERNMENT TRANSPORT SERVICE.

			TR	TAX:	c. 1084-8	3,					11	BAIJI	C. 1863	-84.		
	Dus	ring th	e 1200	th.	Tas	nd of	the mo	nth.		ring t			To o	nd of t	he corr	re-
OARAS.	Igent.		Poted Passinte		Eèra.		Other Property and	and and	skere.	B14	Total patenting	ecolbia.	previl.		Total rereipts.	
	Passettgert	Gibballa,	Total		Passettgera,	Goods.	Total		Passengera	Good E.	Total		Pantenkera	Goods.	Total r	
ORIBBA CANAL.	No.	Mda.	Bn.	A. P.	No.	Mds.	Rs.	A. P.	No.	Mds,	Ba.	A. P.	No.	Mds.	Ba, a	A.
faitunds and Kenurspara Buth lavel	1,450	1,844	1,419 547				10,589			1,730	2,5 24 821		8,617 2,810		14,575 3,809	2
Total Orises Canal	1,897	1,384	2,967	12 4	10,410	16,662	14,143	13 3	2,379	1,740	3.345	9 5	11,457	7,400	17,084	10
Bourn-Wintern Circle.																
н фекрате	18,615	987	750	0 (82,666	4,568	4.500	0 0	10,690	800	1,000	0 0	07,330	9,133	E'UNO	B
Total South-Western Circle	18,645	967	750	0 (82,888	4,068	4,500	0 0	10,590	300	3,000	0 (67,335	2,183	0,000	0
Bastern Main and Patna Western Main and Suzar	1,586 2,510		072 1,093 1,780	0 (4,113		3,313	11 1	h 1,590	3,643 3,064 2,305		8 6	1 9,090	10,591 17,198 11,679	6,014	3 0
Total Sone Circle	4,090	4,586	3,491	15 (20,093	18,632	10,013	15 (5,666	9,512	3,015	15 1	25,010	39,442	19,170	0
GRAND TOTAL	21,608	8,355	6,200	11 4	105,990	80.012	28,657	12 5	17,970	11,558	7,991	7 (104,722	49,000	41,838	0

TOTAL NAVIGATION RECEIPTS.

					RA	12.3072.30	GR	. 1896-85.	Ealin ings.	1883-66.	
					During			To end of the month.	During the corresponding month.	To end of the corresponding month.	RMEANIT.
					Ro.	a. I	P.	Ba. A. P.	Es. A. P.	Ra. A. P.	
Frissa Canals Midispore Canal Hidgeliee Tidai Canal lone Canals	***	n.)-1 0-1 D m=q	494 484 989 945	+81 +81 +81	4,602 11,197 3,874 6,205	2 (D D D D D D D D D D D D D D D D D D D	85,762 14 8 65,840 6 0 20,057 15 3 25,765 0 0	7,584 11 8 12,630 18 10 0,313 0 6 10,300 10 8	43,699 II D 04,688 8 II 37,843 14 3 47,954 6 3	
	SHAP	n To	TAL	141	25,040	6 2		1,51,278 9 6	35,631 11 3	1,05,540 0 3	

C. W. Odling, Under-Secy. to the Government of Bengal.

CALCUTTA,
The 2nd December 1884.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

INIGATION OFFICIAL THE OFFICIAL TREE 1884-85.

Areas leased for Irrigation up to the end of September 1884.

Character Director Character Chara							Approxi-	d samoni.			DET	ALTE OF	AREAB	DETAILS OF AREAS LEASED.					i				
Physical College Physical Co	1				A retaco	Charge	bish are of land drivated	BA 's area es land under	45	9 0			SHREAL	12 14 14 14 14 14 14 14 14 14 14 14 14 14				BA18741 1844-65		RA NEAL		Resident	
Cuttod:	á	District.			month.	atilised.	the year up to the end of the nouth	and to the last year.	resura.		Khur- ned.										al h		
Contacts National 1st 1381 256 20 3 2,024 1184 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185 1196 1185			E endespara Schrift Palamoonden High Lovel						20 : : : : :	Acr. 91,198 4,690 12,143	Acr.	Acr., 2,000	Aret.	Aer.		9,031	Acr. 23,813	F	gi. hat	5	In.	T be	
Schelence Signature Signature State						۰ ۾	A . 854		414-97	MI.I		133	fi		1	150	1,334	878	89-59		58.60		
Total of the corresponding Total Total of the corresponding Total	1	Balance	Reach. Jistehsong High Level, Section II.	4					الا	4,170		1	119	1		118	198						
Michapore Mich			Total		-	:	67,659	1	1	159'09	20	1597	198		82	3,009	53.763	1	¦-	1	:		
Michapore Mich		Total of	repondiz		1			-	999133	14,759	1	1,153	200		222	1,726	10,454		1	1	,41		
Total	Ę	Midnapore	Midnapore Parchesorah Tatal Reaches Banges I & II.	1	1	1	4,405	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	58,326 3,441 277							89,348 5,444	2.5	40°84 40°56			yn discharging. 178 olochat ging.	
Corresponding			Total		-	41412	62, 995	<u></u>		630,43	1		::			19-11-9	62,400p		***				
Wightern Main 4.345 5.545 5.57		Total of the	to corresponding							83,900							82,900		1	1			
of the extresponding	1	Shahabad	Western Hein Burger Kartern Weits Bestern Weits	~~							5.278 28,419 26,419 13,500		201.44 04.14 24.14	.88.		20,463 20,463 20,031	14.218 57.08 1.04.255 174 83,834		10 10 10 10 10 10 10 10 10 10 10 10 10 1		25 00 20 00 20 00 20 00	-	
5,50,055 9,24,610 1,19,745 08,055 7,159 95,144 3,24,618 67,718 08,058 61,745 4,168 905 7,267 61,635 4,51,014			Total	<u>L</u>	4:	1	2.08,532	ļ	1,17,731	1	66,032	_	4,331	121	738	91,016	2,08,756	and vote		: !			
6,30,035 9,24,610 1,19,743 86,032 2,894 4,337 134 740 94,144 3,24,648 67,716 08,658 51,745 4,168 905 7,567 64,635 4,51,014		Total of 1	he cerresponding		1				87,719		61,345		\$ 323	2002	7,139	82,013	1,50,630		:	1			
57,716 99,658 51,716 1,238 4,169 905 7,567 61,638 2,51,014			Total		764.1		6,40,035		1,17,733	1,19,743	38,052	1584	4,337	154	740	94.144	3.04,6.8	*****	1	- 4			
		Grand Total	of the correspond		100164		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	57,718				4,168	204	1,307	81,838	\$,51,014	-414-		_	1	4	

The 27th November 1884.

C. W. Obling, Under-Secy. to the Gott. of Bengal.

Statement of Fluctuation of Goods Traffic on the Northern Bengal State Railway for the month of October 1884.

Abstract of the principal commodities carried over the Line during the month of October 1884, as compared with the same month of the previous year.

						181	3.	168	4.				
1 .	STAP	2.200.				Up.	Down.	Up.	Down.	Total in 1883.	Total in 1884.	Increase.	Decrease
4.0						Tons.	Tone.	Tons.	Tons,	Tons.	Tozia,	Tonn.	Tons.
Ain	11.09	100	THE R	444	991	29.73	150 · 1.	48'40	Printer	99.78	48140	21.02	41111
Rood-grain	1-86	99.4	484	-	200	1,020'43	700.60	7467021	914'98	3,750°49 8-93	1,001751		68 (
Ginger	494	481	00.4	001	871	11.82	8:26	13:33	771.06	432.21	85*84	80.08	History
Gunny-bagu Juto	144	4-4	404	9494	86.0	4.81	420789 7,407:71	19:11	0,4392.03	7.212.62	9,45277	361.20	11114
M branjjancom a nro	187	10-0	404	100-	901	1,298'40	288,53	1.327-13	347'79	1,55073	1,674192	85119	F98 114
Piece-roods	107	900		001	944	612.83	100 23	6115-98	1.84	543:43	847-80		491-411
Railway material	100	-		904	-	1.281 06	120/16	3,674149	186'10	1,611'00	3,801:49	2,500'48	351
Bai (464	100		100	411	1,870 10	2:83	9-1-1-07	181111	1.870002	D + 1107	241-	940
Dunger.		600	200	400	Alte	27:30	'37	107:00	13.8	27.47	107.78	79'91	******
B. edu	- Orași	000	101	100	dra a	20.50	12:50	60.38	70:52	B1*8/3	1457 - 8	0.4102	001 111
Ten	high	961	101	100	441	10-11-12	430.70	****	878792	436:70	878 32	681102	
Tubecco		166.00	4.49	***		173	RR5 7-L	11.20	931-20	B88-47	BTP NU	29.93	41-1
			Te	fate		6,133'65	10,080:68	7,300:41	13,598'95	16,995*41	20,080.30	11111	*****

GENERAL REMARKS AND EXPLANATIONS.

The month's working record shows an increase under almost every head of traffic, and a total increase of 4.760-95 tons as compared with last October. That is to say, the traffic of the month under seview is better by 29-34 per cent. Jute, gumny-bags, railway material and tas have principally contributed to this result. The only noteworthy decrease is in ealt.

The market for loose jute is not as active as it might be Prices advanced in the beginning of the month, but declined latterly. Buyers are complaining of the quality of the jute, and unless it improves prices will decline. In this event an increased vitality may be expected in the hand-made gumny traffic.

	Inch	Lands.			
Ale sat-	197 199 19	***	101	Tone 21	67
Both public and Commissariat con	neignments have contribute	d to this increase.			
Ginger The present desputches are made	775	-11		Ton# 82	OB
The present despatches are made	up of dried ginger of the	in season's curing,	for which th	ere is always	a demand more
or lass.					
Gunny-bags		41 114	141	Toba 351	70
Gunny-bags Though the Culcutta market is de Jute					
In the carry part of the month pudeclined, and there has been a disincil	nation among our constitue	te into Calcutta	wore beavy.	Latterly, how	ever, the market
Hides and timber have given this	increase.	1 4%		Tons 88	19
Hailway material This increase includes 1,080 tons	of coal for the Assara-Beha	r Railway,	va.,	Тоы 2,300	48
The price of this article has decli	ned, and hence there is mor	e local enquiry.	40)	Tone 79	91
Seeds			+ # h	Tons 94	08
			807	. Tous 4411	62
There was a very brisk demand at	good prices for all descrip	ptions of tea duri	ng the menth,	and breaks :	nust bave been
cept back in anticipation of this turn.				_	
This increuse is due be a demand		The Rangoon mark	et continues di	Tone 59	53
	D	ECEBASES.			
Pood-grala	190 h 110	11. 179	-44	. Товь 68°	38
There is no business doing in the required for local consumption.	Calcutta market. In the	districts contiguou	s to the Bail	way all the r	ice available is
The Doorga Puja and other native	bolidaye have somewhat in	terfored with thin t	raffic.	Tons 35	56
At the end of October 19,475 tons				Tone 984:	35 riod last warr.
This decrease is temporary. The sett	ing in of the cold season is	naually accompanied	with an inores	ise in this stap	ie.

G. S. LEONARD, Traffic Superintendent

TRAFFIG SUPERINTENDENT'S OFFICE, Saidpur, the 21st November 1884.

TIRHOOT STATE BAILWAY.

Statement showing increases and Decreases in Maundage of Principal Stuples carried over the Line during the month of October 1884, as compared with the corresponding period of 1888.

					196	id.	184	3.	Total	d.	Increase.	Degrange.
ATS.	PLED.				Up.	Down.	Up.	Down.	1884	1685.	Trici (mino)	D0010000
				1	Main.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mda,
Bamboos and bricks Conj and take	peti.	p/84 101	419	***	3,305	480 90	2,457	9	3,785 208	2,466	1,x19	or had
Cotton	-64		495	41.	20,035	60	15,788	45 19	28,012	16.768	0,245	******
Puce-goods Indico		184	111	111	886	801	1,907	865	1,687	2,271	411 07 T	1883
eroreny-baga Provide	10.0	141	449	***	95.887	37 43, 378	8,045	10.615	73,905	16,687	139	ppq: >+
Food-grains Hides and horns	444	-41	9.85	***	3	6,807	598	6,607	6,800 . 048	0,703	340	198
Time	4.4			125	340 3.884	104 01 h	2,145	117.004	8,824	9,145	1,079	og seine.
Liquora kunker	411	107			659	10		188117	699	141111	049	1074400
MENTAL—		-44			4,950	1,637	8,101	1,117	4,597 840	4,318	E,209	odds o'p
11 Brass, beli-met					1,689	225 143	818-91	111111	1,523	40144	1,843	403000
Mowah Dil	h le h o w h	11.0	101	***	411	937	414441	PP4	712 637	791428	7±9 837	1-0100p
Dilento Painta and colours	411	111	217	***	80	8444-1	250	951	2,821	1.381	68	111101
Shae	***		5.00	177	1:9 31,768	21,693 21,654	22,806		84,401	Sai Britz	21,396	******
Bailway materials Salt	414	***	101	141	24,291	3.3.8	22,643	4,694	27,652 18,651	27,537	215	8,447
halipetre Seeds	404	***	144		588	44,710 28	1,693	79,240	43,807	80,022	1,741	36,650
Spices Sugar and Jaggree	4 44	***	1 dra	***	1,718	1,376	410414	14 149	1,286	10,308 .	1,786	0,480
PRIENTED		n.p.n.	101		1,500	2,684	145	10,187	3,664	10,000 .	200,18	14,40
Pirewood		,	184	***	7,794	5,803	19,231	19,609	13,500	37,924	236	\$4,52
Il usher goods			otal	177	1.39.661	1,76,859	07,267	1,01,186	8.16,493	2,58,401	1,38,420	75,63
		,		"	2122122				2,6%,401		76,538	
	Ne	a incr	9440		*****	191812	g=+ 184	r 4 1-18 4 B	68,092	*****	89,003	199617

C. E. C. MONTRESOR,

A. POPE,

for Munager.

Traffic Superintendent.

GENERAL REMARKS AND EXPLANATIONS.

The total quantity of goods carried during the mouth of October 1884 aggregated mannds 8,16,493, as compared with manuals 2.58,401 carried during the corresponding period of 1883, and manuals 3,04,794 carried during the previous month, show increases of manuals 58,092 and 11,699 respectively.

Of the coveral increases and decreases the following are the most prominent ones and worthy of separate explanation:—

		NCEEARKS.			4		Mds. 1,819
Coal and coke	. 74		414	***	***	164	1,010
Due to couple of Coal Dopôts having opened lately.	46.0		814	4+1	149	4+1	6,245
Due to demand for ensuing cold weather, Food-grains	,	104	-11	***	***	4.00	57,278
Due to part tailure of crops this year.	841	149	444	107	***		1,679
This was to some extent steadily required by the Loc		***	* 10 *	***	149	-++	2,269
Traffic in this staple seems prosperous, the people has	ving app	recinted its	me.		240	***	1,823
Mowah Due to the rapid consumption of liquors amongst low	vor class	of men, and	the outstil	ayatem.			1.500
For this traffic there was a favourable market in	Calcutte	during th	e mouth,	owing to th	e several l	cobniE	-,
fantivnis.		.46	4+1	481	444	+1)	31,598
These were imported for the Kost extension under co	mutruoti	00.		144	444		1,761
Due to local demands.		***	***		***		1,788
Opening out to Bettieh has developed this traffic.		651			***	446	21,992
The major pertion of this steple consists of the time	born and	alcopers des	patched by	Mesura, H. 1	Dear & Co.		
	[]	DECREASES.					M de.
Seltpetre	140		mm. 0	e16.	189	974	8,447
The market was dull during the month.) 1w	t	- 64	***	Piles		35,625
There being no demand for this truffe in fereign ma			448	41.			6,488
The abandonment of the Bazidpore Line and the op	ening of	t of Mokam	sh Ghat see	tion bas enl	anged the	treight	
for this staple, and therefore it has taken to boats.	014	444	104	***	***		24,325
Due to increased importation of coal.						A.	POPE.
C. E. C. MONTRESOR,							Superinters
for Manag	er.						

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN BAILWAY.

Approximate Between of Traffic for west anded 22nd November 1884 on 1,509\$ miles open.

	COACHTE	e Traje	IO.		R AND MINURAL LEFTC,	Other earnings	Total cornings.	Talffio	TRAIN-MILE	ED RUK.
	Number of passengers.	Concl		Weight carried		(estimated).	lotel selfings,	Coaching.	Merchan-	Total.
		Ra.	4. P.	21 ds. s.	Ba, A. P.	Ba. 4, 2.	Ra. A. P.			
Or per mile of railway	107,610	9,63,870 173	6 0 15 2	21,65,416 86	6,05,695 15 0 600 8 7	15,230 8 0 10 1 8	8,82,429 13 b 584 9 8		97.985	163,779
3 may 100 100 100 100 100	3,969,2:1	45,90,050	10 0	8,71,83,926 10	87,65,467 8 0	2,03.183 15 4	1,36,55,907 2 4	1,232,742	1,684,0122	1,607,354
Total for 31 weeks	4,185,781	48,59,227	0 0	3,85,49,383 C	03,70,072 8 0	3.08,421 7 4	1,45,37,727 15 4	7,250,8061	1,700,537#	3,061,134
COMPARISON.										
foral for corresponding week of previous year. Per mile of reilway correspond-	200,068	2,97,684	1 6	25,95,978 20	8,61,733 16 0	16,888 p 8	9,76,304 10 2	02,891	216,057	179,918
Total to corresponding date of	41444	397	6 6	*****	438 8 6	11 9 1	Q16 16 10	411144	4 h h h n h	
beenging tem	4,144,0885	47,02,411	4 9	4,97,23,618 0	1,20,94,839 0 7	2,06,151 5 2	1,80,52,001 30 d	1,845,035	2,645,810	3,971,950

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, duted 23rd July 1883.

	TS POR WEBE NOVBERBER			PTS FOR WARE D NOVEMBER 1			L RECEIPTS PRO 1883 TO SHIE N DRU 1883,			L RECEIPTS PRO 1884 TO 22ND A BRU 1884,	OVEK-	Total mercane	Total decrease
Moan minage worked.	Beccipia,	Per mile worked,	Maan mil-age worked.	Receipts.		älenn milougo worked.		Per nulle worked.	Mean mileage worked	Total receipts.	Per inde worked.	in inds.	in 1884,
	Ra.	Rin.		Ba.	Hs.		Ra.	Rą,		Ba.	Re.	Ra,	Ra.
1,809	9,74,305	647	1,5096	8,82,431	888	1,509	8,21,67,501	21,317	1,509	2,51,68,206	17,334	h14.441	60,02,305

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 15th November 1884, on 350 miles open, including Calcutta and South-Eastern and
Bengal Central Railway mileage.

	Coacuta	G TRAFF	ıc.		MERCHANI	18.4 18.4	BAND MIT OFFICE	BHA	L	Other car (estimate			THAFFI	TRAPN-MII	ns Ros.
	Rumber of passiongers,	Conch			Weight carried,		Ropei	pto.		tochola steam-bo	пgr	Total carrings.	Coaching.	Merchan-	Total.
*		Ra.	Α.	p	Man.	ij,	Ru.	A. F.	Ţ	R1, A	. p.	Rt. A. P.			1
A.—Total traffic for the week Ur per mile of ratiway For presspun 19 weeks of half-	77,842° 215	88,738 84	0		3,50,450 970		77,303	0 0		8,926 0	0	1,10,985 H 0 800 O 0		16,790	24,113
Joseph	1,400,201	6,30,148	0	0	62,25,697	0	14,88,049	0 0		2,56,486 0	0	12,70,633 0 0	289,213	214,478	455,691
Total for 20 weeks	\$ 1,677,893	6,49,986	0	0	66,79,156	0	15,61,259	0 0		4,63,410 0	U	£5,00,048 U 0	252,530	225,274	477,H04
COMPARISOR,						_									
B Total for corresponding week of provious year Par pute of rullway correspond-	89,457	39,805	۵	0	2,99,330	0	69,739	0 0		8,092 0	0	1,08,605 0 0	9,627	8.870	18,497
ing period of previous year.	840	* 152	0	0	1,148	0	¥37	0 (401 10		879 0 0	141111	h = d = = p	
biograph Ages,	2,612,645	7,00.508	n o	0	\$8,08,610	0	19,01,206	0 0		9,03,456 0	0	21,07,259 0 0	195,805	102,347	804.210

A.—Incomes receipts of Calcutta and South-Eastern Railway, and 50 per cent. of receipts of Hougal Central Entway, viz., its. 4,802 and its. 4,615 respectively apportuned over the several heads of traffic.

B.—Includes there of Brugal Control Railway receipts due to Eastern Bengal Railway for working, viz. its. 1,400, and Calcutta and South-Eastern receipts as a traffic of Deurope in coaching is due to the bathing festival and Railpatra having taken place in the corresponding week of previous year. No bathing festival coours this year, and the Kashjatra took place in week ending the 8th metant.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bongal Contral Railway.

1722	IS FOR WREE NOVEMBER !	8165.		TS FOR WHEE!		Δi	L SYCHIPTH PROD PRID 1865 TO LIT NOVEMBRE 1985	II.	A.	L RECEIPTS FROM	tπ	Total	Total
Mean inileage worked.	Becaiple.	Por	Mean inclinates worked.	Receipts.	Par mile worked,		Total receipts.		blenn minesge worked	Total receipts.	Per onle worked.	increase in 1884.	denrease in 1886.
	Ba.	Ra.		Rs.	Bs.		Ra.	能 非。		Ra.	Re.	<u>B</u> ø,	Ra.
203.	1,08,608	413	580	3,10,005	384	261	\$3,83,839	15,635	333	\$3,\$4,086	10,961	1,00,545	PAI NÍO

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week mided 15th November 1884 on 126 Miles open.

41	COACHIN	o Trappi	c.	Marcharott	E AND MINERAL	Other earnings		THARPIC	TRAIN-MILE	S 203,
	Number of	Coanh		Weight carried	L. Receipte.	(ensineeted).	Total carnings	Corching	Merchan- duc,	Total.
		Ra.	A. 9.	Mds. s	Re. A. F.	Ra. A.P.	Ra. A. P.			
Total traffic for the week	18,087 127		0 0	12,963			8,090 0 0 84 0 0	8,147	7,249	4,389
Por previous 10 weeks of half-	\$\$6,003	1,35,093	0 0	1,96,427	0 18,100 0 0	049 0 0	1.84,061 0 0	57,719	23,503	81,280
Eptal for 30 weeks	\$52,900	1,48,100	U U	2,69,410	19,169 0 0	\$25 0 0	1,62,:31 0 0	8×,876	21,745	85,021
. COMPANISON,										
Total the corresponding week of previous year. Per tolls of raitway correspond.	19,695	2,303	0 0	14,108	453 0 D	17 0 0	1,501 0 0	907	\$01	1,900
ing period of previous year	348	08	0 0	420 (14 0 0	148101	80 0 0	******	46184)	100 100 0
Total to corresponding date of previous year	194,778	84,740	0 0	2,60,209	7,449 0 0	461 0 0	42,640 0 II	18,088	6,109	\$4,108

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Reilway.

	MONRHORN SOL MAKE			TE FOR WEEK I NOVEMBER			RECEIPTS THE 1883 TO 17711 DNIE 1883.			L RECEIPTS PS 1864 to lorn 1 BEM 1894.		Total Increase	Total decrease
Mean miloner worked.	Receipts.	Fer mile worked.	Mean milease worked	Receipta,	Par u-fle worked.	Maan milenge worked.	Total reesipts.	Fer Inde worked.	Mean mileage worked	Total receipts.	Per mile worked.	in 1864.	in 1884
	Ra.	12		Rs.	Ru.		Ba.	Ra.		Ra.	Rs.	Re.	Ra.
\$5	2.601	80	126	8,000	64	35.	71,380	9,030	195	2,98,709	2,390	9,27,329	*****

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 21nd Nevember 1884 on 571 miles open.

	Сомоніво	Praffi	0.	-			EFIC.	RA:	Otheres	Th Ltt	JF 1.	Total	TRAPPIO	TRAIT-MILE	es and.
	Number of	Canebi recep			Weight maried.		Leceipti	Receipts.		(estimated).		oarnings.	Ousching.	Memban-	Total.
		Ra.	A. 1	.	Mas.	á.	Ra. a	. P.	Stn.	A. I	r.	Be. 4. 2			
otal traffic for the week by per mile of railway or previous 20 weeks of half-	10,951 179	829,8 88	8 14		89,819 679	80 -0	2,955 / 51 10		72	7 4	0 3	8,084 4 1 161 13 1	1,786	603	2,2963
7400	27 1,4166	1,45,510	Ø	0	8,46,161	20	61,387	0	1,866	p	G	2,28,566 2	84,5293	10,8828	14,882
Total for 31 weeks	254,017	1,70,907	à.	0	8,84,971	10	64,342	. 0	1,941	0	6	2,87,580 6	20,3141	20,470	50,785
Companients,				-1											
otal for corresponding week of previous year. The united rules of rules year.	10,201)	5,139	10	1	44,243	0	8,705	h C	9.8	14	0	8,036 13 5	1,737	657	2,304
ing week of previous year	174	[,]	9	١.	773	20	45	5 9		0 0	1	160 7	3	41(+++	791444
banions her t	238,7471*	1,25,927	9	34	7,18,044	20"	49,289	1 0	1,544	1 8	a.	1,77,00A M	38.540	14,361	62,910

[&]quot;Added number of passo gens ill. He. 145-4 to conching, and Mds. 4.875-20, Ma. 146-1 to merchandise, and He. 410-1 to other carnings, on account of Supplements!"
Returns to quarter ended Suth reptomber 1888.

Approximate Statement of gross receipts of the Patna and Gya State Railway, prepared in accordance with Public Works
Department Circular No. XXI, Hailway, dated 23rd July 1883.

	TE POR WEEK SOVEMBER D	983.	120	D NOVEMBER	1864.	Δ.	neceipts pro Pail 1882 to 241 Novamber 1888	T.IE	1 4	RECEIPTS FEO RIE 1884 TO 22 OVERCEEN 1884,	M let b	Total	
Bigan splices worked	Bloceipta	Per	h)esn) minesce , worked.	Receipts.	Par	Mean wilcage worked.	Total receipts.	Per mile worked.		Total receipts.	Per mila worked.	increase in	Total decrease in 1803.
1	Ra.	h.		Ra.	Ra.		Re.	Ba,		Re,	Re,	Ma.	Re.
67)	, 8,005	140	771	H(da)	157	071	8,00,727	0,188	672	5,00,747	d,132	54,030	40+×44

SINDIA STATE BAILWAY.

Approximate Return of Traffic for week ended 22nd November 1884 on 743 miles open.

	COACHIFE	TRAPPIG.	MERCHANDISE A	NO MINERAL	Other earnings	Total menines	TRAPPIO TRAIN-MILES ROSS.		
	Number of passencers.	Coaching receipts.	Weight carried.	Beco:pss.	(omittanted).	a way was a series of the	Coaphing.	Morchan-	Total.
		Ha. A. T.	Мрв. s.	Bo. A. P.	Be. A. P.	Ba, a. p.			
Total traffic for the week Or per mile of railway	6,604	4,752 15 0 68 18 9	88,094 20	8,816 15 0 66 8 6	100 0 0	8,169 14 0 100 10 7	7354	1,3674	2,101
For previous 20 weeks of half-	85,494	69,299 11 0	9,47,709 20	64,690 7 3	1,935 9 3	1,15,930 11 6	12,718	18,2694	31,061
Total for IL weeks	90,094	74,052 10 0	10,40,734 0	68,015 0 5	2,035 9 3	1,24,100 9 6	18,451	19,7811	83,1622
COMPARISON.						}			
Total for corresponding week of previous year	6,506)	5,779 11 8	83,430 20	3,988 15 0	148 0 0	7,896 10 5	580	888	1,463
ing week of provious year	******	80 11 9	41111	93 12 11	8 0 10	105 ₽ 8		4147-11	17482+
Provious year	98,7574*	74,503 4 01	6,00,778 10*	47,978 8 0°	2,559 12 0*	1,25,061 9 0	13,346	18,102	31,447

^{*}Added number of passengers 574 and Rs. 61-13-8 to coaching, and Rs. 125-4-0 to other carnings, and deducted Mds. 20,851 and Rs. 316 from merchandine, on account of Supplemental Estums to quarter ended 30th September 1883.

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI. Railway, duted 23rd July 1883.

BACECPTS FOR WEEK ENDING SATE NOVEMBER 1888,			RECRI	NOVEMBER ON STREET		A:	L BECEIPTS FEC PRIL 1883 TO 24 NOVEMBER 1885	THE	A	L RECEIPTS PRO PRIL 1984 TO 23: NOVEMBER 1984	N/ID	Total	Total
Mean worked.	Receipts.	Per mile worked.	Mean mileage worked.	Heceipta.		Menn milesum worked.		Per mile worked	Mean militage worked.	Total receipts.	Per mile worked.	1884	decrease in
26)	Ra. 7,867	Ha,	746	Ra. 8,170	Re.	741	Rs. 2,09,473	R4. 3,814	74)	Re. 2,22,438	Ro. 2,9862	Ru. 19,765	Ra.

GHAZIPUR-DILDARNAGAR STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd November 1884, on 12 miles open.

	Concerno	THAPPIO.	Marchardise A		Other earnings	Total	Talpric	Taaip-mren	s now,
	Number of passengers.	Conching receipts.	Weight carried,	Receipts.	(estimated).	earnings.	Conubing.	Merchan-	Total.
		Ra. A. P.	My, a.	Bg. A. P.	Ra. A. P.	Ro. A. P.			
Total traffic for the work Or nor unlin of railway	2,108	437 8 0 85 10 0	15,071 \$0	389 8 a 80 13 9	23 5 0 1 15 1	820 8 0 88 8 19	118	1101	589
Proprevious 20 weeks of balf-	40,581	7,000 8 0	1,80,080 10	5,000 15 0	548 0 0	12,150 2 0	4,620}	9,467)	0,758
Total (or 21 weeks	43,244	8,120 11 9	1,95,740 80	4,230 8 0	548 B 0	19,976 8 0	4,839	2,678	7,117
COMPARISON.					i				
Total for corresponding weak of pravious year	9,9164	400 9 10	16,321, 30	518 E 0	57 10 0	751 10 10	209	120	229
Per mile of railway correspond-		83 6 2	- STREET	24 1 0	8 2 7	02 10 3	10	4+4-644	*****
Total to corresponding date of provious year	44,230*	7,759 11 6	2,89,880 20*	5,833 19 01	587 10 0°	18,631 8 6	4,378	2,408	6,1411

^{*} Added annua 7 to ceaching and Ea. 2 to other earnings, and deducted maunda 15-10 and annua 1 from merchandisc, on account of supplemental returns to quarter ended 30th September 1883.

Approximate Statement of gross receipts of the Gházipur-Dildárnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPS FATE	TO FOR WEEK	ENITE O	Racsip)	re won were i	REDING	A	L PECEIPTS FRO PRIL 1887 TO 241 NOVEMBER 1868	M lar	Ar	RECRIPTS PRO RIL 1854 TO 221 NOVEMBER 1884	rp dr	Total	Total
Mean autien of worked,	Receipts.	Por mile worked.	Mean mileage worked.	Ecosipia.	Per mile worked.	Mean mileage wurked,	Total receipts.	Per mile worked,	Mean mileage worked.	Total roosipta.	Per mile worked.	increase in 1444.	decresse in
	Re.	Re.		Ra.	Re.		Ra.	Ra.		Ra.	fis.	Ba.	Ba,
19	759	69	15	929	68	28	\$9,766	2,430	19	30,910	2,576	1,744	144110

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

			Length	RECRIPTS FOR W.		тинк втрато	TOTAL RECEIP		Total	Total	Percentage
Latest return received.	Name of	Rallway.	орел	6th Octo 1864.	ber	4th Optober 3684.	To 69h Octo- be: 1888.	To 4th Octo- bry 1886.	in 1884.	decrease in 1884,	of increase,
1484.			Miles.	Pa.	A. P.	Re. A. F.	Re. A. P.	Re. a. P.	R6. A. P.	Pa. A. P.	
ath October	Northern Tirhoot Nalhati	Bongul	240 220° 37è	81,089 18,589 1,683	0 0	30,877 0 0 19,840 0 0 888 0 0	17,12,288 0 0 6,51,524 0 0 63,218 4 0	18,10,488 0 0 9,04,221 0 0 40,639 0 0	2,51,700 D C	4,030 0 0	→25 +80 - 7
		Total	6691	78,041	0 0	57,476 0 0	24,29,000 0 0	84,74,461 0 0	45,131 0 (107117	+ 2 1/2

^{*} The Hajespure anotion, 59 miles in length, opened for goods traffic only from 1st October 1884.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

					Es. 4, P.
Rarnings for week ending 15th November 1884	494	204	441	***	9,442 0 0
Corresponding week last year	***	99.1	***	*11	8,314 11 0
Increase		4.65	491	101	1,127 4 6
Beceipts from 1st July to 15th November 1884	101	140	100	117	1,74,130 15 11
from 1st July to 17th November 1888	441	101	***	+11	1,67,691 7 1
Inoroase	***	***	483	***	6,239 8 10
WELL TO THE TANK THE TANK					Miles.
Miles open week ending 15th November 1884	+14	***	P#1	141	50
Corresponding week last year	441	9.4	100	1111	50
What is a second to the second on the second with the second of the second on the seco	100.				Rt. A. P.
Receipts per mile open week ending 15th November	1984	9.61	441	***	188 13 5
Corresponding week last year	194	444	***	104	106 4 P
Increase	089	Wt A	400	100	22 % B

Danzenting, the 34th November 1884.

W. STEVERSON, Secretary.



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, DECEMBER 10, 1884.

OFFICIAL PAPERS.

Non-Subscribers to the Gazerte may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupece if sent by Post.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, 6th December 1884.

Present :

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL, Presiding.

The Hon. H. J. REYNOLDS.

The Hon. A. PHILLIPS, Acting Advocate-General.
The Hon. C. P. L. MACAULAY.
The Hon. A. P. MACDONNELL.

Colonel the Hon. S. T. TREVOR, R.E.

The Hon. C. B. GARRETT.

The HON. MOULVIE ABOUL JUBBAR.

The Hon. Chunder Madhus Ghose.

The Hon. A. B. MILLER.

The Hon. Kumar Boykantonath De.

The Hon. RAI JOY PROKASH LAIL BAHADOOR.

The Hon. G. IRVING.

STATEMENT OF BUSINESS BEFORE THE COUNCIL.

HIS HONOR THE PRESIDENT SAID-Gentlemen, there is no particular business before the Council to-day, but only a formal notice to add one or two Members to the Select Committee on one of the Bills now before the Council on account of changes which have taken place in the constitution of the Council since we

last met. But, as is usual in the case of the first meeting of this Council, I take the opportunity of bringing before you those measures which in all probability we shall have to consider during this session. The first of these is with reference to a Bill already before the Council, referring to Local Self-Government. As the Council are aware, there are two measures connected with this subject, one of which has already become law, namely, that referring to the system of municipal administration in our towns, and I may take this opportunity of saying that, so far as reports have already reached us regarding the operation of the elective system in more than a hundred Municipalities in the country, we have the satisfaction of being able to say that they have been conducted with very general success. Not only has there been an absence of anything like disorder or disturbance, but we find that in almost every place great and animated engerness has been shown for the privilege of securing a seat on the Municipal Board; that the number of cases in which there have been contested elections has been numerous; that the elections have been carried out with general satisfaction to the people; and that, where dissatisfaction has been expressed, it has been rather in a feeling of disappointment of those who have not been able to find a place on the Municipal Committees. All this I think speaks satisfactorily for the inauguration of the new system of Municipal Administration in these Provinces.

The Bill which has still to be passed, if it does pass into law, is that with reference to the extension of Local Self-Government in our districts, a system for the establishment of Local Boards and Local Unions. That Bill has been already referred to a Select Committee, and, as many Members of the Council know, we have received a preliminary report upon it from the Select Committee at the close of our last session. The report then submitted, together with the revised Bill, has during the recess been circulated to all Commissioners and other local authorities for an expression of their opinion. Those reports I understand have now all been received, and they will be submitted to the Council and to the Select Committee (to be enlarged now under the next motion to be submitted) for consideration in connection with the Local Self-Government Bill, and I may express the hope that by the end of January next the Select Committee will be able to submit a final report, and that, before the session comes to an end, we shall be able to put on the Statute Book an Act for

establishing the system of Local Self-Government throughout Bengal.

Then there is a small measure in connection with which a Bill will be introduced to consolidate the existing enactments in regard to Ferries. This Bill is necessitated by changes in the practice which now obtains in the administration of ferries, and particularly with reference to the Local Self-Government schemes, in which the intention is to transfer the management of ferries generally to the control and supervision of Municipalities and Local Boards and other such institutions. This Bill, like the Local Self-Government Bill, will be insthe

charge of my hon. friend Mr. Macaulay.

Next the necessity for legislation comes before us in connection with the circumstances involved in the construction of large new docks at Kidderpore, which necessitate an amendment of the Calcutta Fort Improvement Act. This question has also been under the consideration of Government during the last few months, and on a reference to my learned friend the Advocate-General, I mean Mr. Paul, who is now absent, it was submitted by him, as his opinion, that the provisions of the existing law do not include the construction of such works as the proposed docks at Kidderpore; and again, that the provisions governing the borrowing powers of the Port Commissioners, and the security afforded to the present debenture-holders, also require alteration, as at present there are two Acts relating to the Commissioners for the Improvement of the Port of Calcutta, namely, Bengal Acts V of 1870 and IV of 1880, which at present need amendment. It will probably be found convenient to consolidate these Acts into one comprehensive measure, and to take powers to enable the Port Commissioners to carry out these large works of very great importance to the Port of Calcutta, to which I have already referred, I have asked my hon. friend Mr. Reynolds, who is Chairman of the Port Commissioners, to take charge of this Bill, and we can have the assurance that from his accurate knowledge of all the details of the subject, we shall have most valuable assistance in carrying the Bill to a successful issue.

There are two important measures to be presented to the Council which are connected with the Revenue Department of the Government-one is a Bill for the registration of tenures in land; and the second is a Bill for the reorganization of the ancient system of village accountants, who are known to us under the name of the putwaries and canoongoes of the old Regulations. Hon. Members are probably aware that we have in the law of 1876, passed by this Council, an Act which regulates and governs the registration of proprietary estates and proprietary interests in land, but we have nothing which deals with anything below that. On all sides there is a general consensus of opinion that the time has now come when we may proceed to legislate further for the registration of tenures, and the regulation of all subsidiary titles below that of the zemindar and above that of the ryot. I may mention in saying that there is a general unanimity of opinion on the subject; that my learned friend Sir Richard Garth, the Chief Justice of Bengal, with whom I am sorry to find that I differ on many points in connection with the Tenancy Bill now before the Legislative Council of the Government of India, has on this point expressed a very decided and confirmed opinion as to the necessity of such legislation; and with your permission, I will just read a few words which are taken from a note of his, which has already been published, bearing upon this point. He expresses his cordial concurrence with the recommendations which I had the honour to make to the Government of India upon this subject, and his pleasure in finding that it is intended that a registration law should be passed in aid of, or in connection with, the Tenancy Bill. Though I need not read all he has written on the subject, I would ask attention to the following prominent paragraph of his note:-

"Let the proprietors and tenure-holders of every estate be duly registered either in the semindar's sherishta or in any (tovernment office; let no one but the registered landlords (and I suppose he would also say tenure-holders) be entitled to recover rent from the tenants or ryots; let the tenants or ryots on the other hand be bound to pay their rents to the registered landlords, and to no one else; and let the receipts of those landlords be a good discharge for the rent. A law of this kind, well devised and enforced, would, I am satisfied, be the greatest possible blessing to the agricultural community; it would relieve landlords from most of the difficulties under which they now labour in collecting their rents, and it would relieve tenants, and especially ryots, from the hardship which they continually undergo of having to pay their rents twice over."

It has been computed that there are about a million tenure-holders throughout Bengal. We desire therefore such a law not only in the interests of the general administration, but in the interests of those who have rights in the land. One point which I shall briefly allude to is that, if we can secure such a Bill as will provide for the correct registration of tenures throughout the country, it will also help us very much in that direction in which zemindars everywhere are very keenly interested, namely, the easier recovery of their rents and dues. Until tenures are registered, we cannot give them that assistance; but once we have a proper record of tenures throughout Bengal, there will be no difficulty, but the greatest facility in providing means which will promote the prompt realization of rents. I commend therefore this Bill to you in the assurance that it will receive your careful consideration, and that, if the Tenancy Bill which is now under the consideration of the Government of India, is passed on the lines on which it is thought it may be passed, this Bill will be a very useful complement to the legislation which will be passed in the other Council.

The other measure to which I have alluded in connection with our revenue administration is required, as I have said, for the reorganization of the system of putwaries and canoungoes. All I need say now in reference to that measure is that it is a necessary supplement and a corollary to the Tenancy Bill. We contemplate here to take the first steps towards a proper cadastral survey of all estates and holdings in Behar, and a proper record of rights wherever such survey is made. Everyone is aware, and will admit, that with the completion of a work of such magnitude as a cadastral survey of any part of Bengal, and the completion of a record of rights, we also want an agency competent and trustworthy for the adequate maintenance of that record. If you carry out such a survey, and if you establish a record of rights and have no such agency, in the course of two or three years the whole advantage of a measure which will involve large expenditure and a great deal of trouble will be lost to the country, and our desire is to secure by legislative enactment the

establishment of a proper agency, which shall provide chiefly for the maintenance of that record which it is the intention of the Tenancy Bill to carry out; and although it may be a work which may last for many years, I am satisfied that, until we secure the results of that work, we shall have no settlement of the disputes and litigation which are now so common. In support of the view I advocate, I may be allowed to quote an expression of opinion from one who rightly enjoys the position of a very high authority in such matters—I mean Sir Louis Mallet—who, in writing on the subject of revenue administration in India, makes these forcible remarks. He says-"If there is anything that is wanted in India in any investigation of Indian problems, it is an approach to trustworthy and generally accepted facts. There is hardly a subject upon which the authorities do not absolutely disagree as to the fundamental facts." And he goes on at greater length to argue against the repugnance constantly felt in India to the adoption of any adequate measures for the collection of a comprchensive and well digested set of facts as to the recognition of general principles. That which we now want for Bengal I may say prevails throughout every other Province in India. Even Burma, our latest acquisition, has partly got, and is still extending, a correct survey and record of rights, and a well organised establishment to maintain that record. In Bengal it is a reproach to the Government, rather than to any one else, that though it is more than ninety years since the Permanent Settlement, we have done absolutely nothing to secure anything like an authoritative, statistical record of detailed revenue administration; and in my opinion, even at this late hour, it is urgently necessary to begin the work. I may in conclusion, with reference to this particular object, say that in the course of the next few weeks we shall have established a department of Agriculture in Bengal. It will be one of the duties of that department, and of the able gentleman whom we are going to place at the head of it, to organize executively the arrangements which we may be able to carry out by the kind of legislation I have referred to; and though it will be a matter of slow growth, still I have no doubt in my own mind that its good results will soon be apparent, and that we shall all-zemindars, tenure-holders and ryots included—recognize the great importance of a law which shall place this difficult: subject on a sure and satisfactory footing.

There are one or two minor Bills to which I need not make any special reference. It is possible that before the end of the session I may call attention to the necessity for legislation in connection with the improvement of the chow-kidaree system in Bengal. That also is subject which has been under the investigation of a very competent Committee, and their recommendations are still under the inquiries of our local officers. If their replies should come before us before the end of the session, I may have to submit proposals for the improvement of our village constabulary and rural police, to be formulated in

a new law amending the present Act of 1870.

In thus placing before you the brief outlines of the Bills which will engage our attention during the next few months, I am sure I shall receive from Hon. Members the assistance which the Government has always received in this Council of a careful and independent consideration of its recommendations, and I hope when the session closes, I shall be able to congratulate you in having placed on the Statute Book several useful and beneficent measures.

I may mention that the Bill for the registration of tenures will be in charge of my hon, friend Mr. Reynolds, and the Bill for the organization of the putwari system will be in charge of my hon, friend Mr. MacDonnell.

The Hon. Mr. MacAulay moved that the Hon. the Acting Advocate-

The Hon. Mr. Macaulay moved that the Hon. the Acting Advocate-General, the Hon. Mr. Garrett, and the Hon. Moulvie Abdul Jubbar, be added to the Scient Committee on the Bill to extend the system of Local Self-Government in Bengal.

The motion was put and agreed to.

The Council was adjourned to Saturday the 13th instant.

REQUESTS BY THE LATE RAL RAJIE LOCHAN BOY BAHADUR.

GENERAL DEPARTMENT-ROUGATION.

Calcutta, the 5th December 1884.

RESOLUTION.

READ-

Letter from the Director of Public Instruction, No. 200T, dated the 14th October 1834, and its enclosures, regarding the two bequests of Rs. 15,000 each made to the Berhampore College and the Calcutta Sanskrit College by the late Rai Rajib Lochan Roy Bahadur.

Baboo Baikanthanath Sen and Gokul Nath Guha, executors of the will of the late Rai Rajib Lochan Roy Bahadur, propose the following terms on which the bequests of the deceased to the Berhampore College and the Calcutta Sanskrit College should be applied so as to carry out the wishes of the testator:—

BERHAMPORE COLLEGE.

(c)—That the sum of Rs. 15,000 be applied to the creation of scholarships, and that the same sum be held in trust by the Government for that purpose.

(b) That five scholarships of Rs. 5 each be created out of the interest

of the above mentioned sum of Rs. 15,000.

(c)—That the scholarships be made tenable for two years by the first five successful candidates passing the Calcutta University Entrance examination from the Berhampore centre, on the condition that they continue their studies in the Berhampore College.

(d)—That should any of the said five students not desire to prosecute their study in the Berhampore College, then the scholarships shall be awarded to so many of them as choose to do so, and to as many students standing next in order of merit at the said Entrance examination as will make up the number five.

(e)—That the scholarships be awarded to the students in question, whether they obtain Government scholarships or not.

(f)-That the scholarships be designated "Rajib Lochan Scholarships."

CALCUTTA SANSKRIT COLLEGE.

2. (a)—That the sum of Rs. 15,000 left as a legacy to the college by the aforesaid testator be applied to the creation of scholarships, and that the said sum be held in trust by the Government.

(b)—That twelve scholarships be created out of the interest of the endowment, two of the value of Rs. 5 a month, and 10 of the

value of Rs. 4 a month.

(c) -That the said scholarships be made tenable for one year only.

(d)—That the scholarships be awarded by the Director of Public Instruction, on the recommendation of the Principal of the College, to those students of the institution who show proficiency in sanskrit literature and grammar; and

(e) That the scholarships be called the "Moheswari Dassi Scholar-

ships."

8. The executors propose that, in the event of the abolition of the Berhampore College, or the Sanskrit College, or both, the bequests be submitted to a court of competent jurisdiction to determine in what other manner they should be applied in order to carry out most nearly the intentions of the testator, and that the costs of the proceedings be borne by the Government.

4. The Lieutenant-Governor has much pleasure in accepting the munificent legacy of the late Rai Rajib Lochan Roy Bahadur, and approves all the proposals made by the executors for its administration. He desires that

his cordial thanks may be conveyed to Babus Baikanthanath Sen and Gokul Nath Guha for their exertions in the matter. The sum of Rs. 30,000 should be invested in Government securities which, under Rule I, Chapter 11 of the Civil Account Code, Volume I, should be endorsed to the Comptroller-General. The Accountant-General will be instructed to open two Trust Fund accounts, called respectively the "Rajib Lochan Scholarships" and Moheshwari Dassi Scholarships," the Principals of the Berhampore and Sanskrit Colleges being the administrators of the funds.

By order of the Lieutenant-Governor of Bengal,

A. P. MACDONNELL,

Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Orops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal. as reported to Government during the week ending the 6th December 1884.

	No.	District,	ara.	ite o	t	Rainfall at Sudder Stationin inches.	
18.1	eng.	A.Y.					
*		Western	Distr	iota.			
ø	(1	Burdwan,	Dec	ı. 6	184	NO	Wenther—seasonable. The outturn of awas paddy will nowhere, except in the Renergange and part of the Sudder sub-division, exceed a 6-unas crop, while it most places it will be much less. Rubbes crops promise well. Health good.
	1	Bankoora,	30	6	.Ps	Nil	Weather-clear and getting colder daily. Cathering of late paddy is briskly going on all over the district. Prespects of winter crops continue favourable
SORDWAY DIVE.	1	Beerbhoom,	м	6	æı	2911	Isolated cases of fever are reported from the Hisbenpore sub-division. Weather—cold and fine Amus paddy being barvested. General cottage below the average and especially poor in parts of thauss Labpore, Doobrajpore, and Bulpore, Sugarrane and other rebbes crops doing well. Food-grains
BURDA	1.	Midnapore,	'n	6	J 1	Nil	cheaper. Cases of cholers are reported, otherwise general health satisfactory. Weather - seasonable. Prospects of winter crops fair. Paddy yielding a good outture. Cholers prevails in themas. Bhagwanpur, Baghunathpus and Pataspur in the Contai sub-division.
1.0	5	Hooghly,	00	6	11	Ril .	Weather sensonable. Prospects of crops good. Prices falling. Fever prevails generally, and outbreaks of cholers are reported from several parts of the district.
	1	Howenh,	٠	8	11	Nil	Weather—fair. Prospects of crops good.
		Contral Z	Dietrlo	dr.			
ıi.	/ 6		Nov		'84	Mil	Weather-sensonable. Harvesting of assus paidly going on favourably; cold-
PRESTOREOU DATE.	7 8	Nuddea, Khoolna,	Doc.	6	30	Nil	Weather crops are doing well. Public health generally good. Weather—seasonable. Prospects of crops good. Weather—cool. Harvesting of paddy is going on satisfactorily. Choken has
SECTION SECTION	9	Jessore,	**	6	"	Na	abated. Public health fair. Weather—cold. Harvesting of sman paddy continues, and on the whole a fair outturn is expected. Rubbes crops are doing well. Favar and cholera have
Z	10	Moorshedabad	9 99	6	es .	Nu	abated a little. Wenther—seasonable. Cutting of swem paddy continues. Rubber crops are promising, but in some places they are being damaged by insects. New rice coming into the market; prices easier. There is a little choices about, but on the whole
g Pic	11	Dinagopore,	Dec.	5	184	NII	public health good, Weather—fine and sessonable. Harvesting of amen paddy and sugarouse continues and a fair outturn is expected. State of rubbes crops generally good.
	12	Rajahahye,	je.	6		Nil	Price of rice ranges from 11 to been per rapse. Weather—uncland seasonable. Amen paddy being ranged. Prospects of both smun and rabbee crops generally good. A few cases of cholars are reported from Nattore. Prices gradually falling.
Days	18	Rungpore	-	6	a2	NII V	Yeather—seasonable. Ames paddy being out. Prospects of other winter crops continue good. Malarious fever still prevailing. Cholera reported from Gaibanda.
RAPPART	14	Bogra,	**	đ	"	2073	Venther—beavy down at night and mornings cold. Harvesting of omes paddy going on with a very poor outturn over a large part of the district. Cold-weather crops continue to be promising. There are still some cases of cholars and fever.
M	15	Pubpa,	41	đ	м		Teather-mornings and evenings cold. Prospects of cold-weather crops favour-
-	16	Darjesling,	20	6	24		reather—clear and frosty during latter portion of the week. Harvesting of puddy progressing favourably. Public health good.
	17	Julpigoree,	pir	đ	20	16.21 A	cather—cold and seasonable. Late paddy is being cut and in places a very fair crop is expected. In Alipore a good crop is also expected, but the crop is very bad in Falacutta. Other crops good. Public health fair.
		Bastern 2)ietric	de.			•
ř	28.	Daces,	Dec.	6	84		Weather-cold. Ames and rouchia paddy being harvested. Cutting of sugar- case continues. Pulses and boro paddy being sown. Prospects of crops good. Several axes of cholera reported from parts of the district.
I Dr	19	Parreedpore,	91	Ø	10		eather—cold and chear, State of standing crops good. Fever prevails in some
DAGGA DIVE.	90	Backergunge,	P2	4 .	14		nather—seasonable. Prospects of sman paddy fair, but those of redose crops not cond. Fover and cholers are still prevalent in some parts of the district.
P	2)	Mymensingh,	23-	5	18	Ma W	cather—seasonable. Prospects of coops very fair. Cholare still prevails in all the sub-divisions.

	Sio.	District, a		a of	Rainfall at Souder Station in inches,	
BE	NGA	L - sesoid		L		
		Basters I	Hetrio	de,	. 1	•
i	23	Chittagong,	Due.	8 '84	MI	Weather—bright and cool. Prospects of crops fair. Reaping of owns paddy on tinues. Prices of food-grains stationary. Public health good though chales still continues.
CENTRAGORO DIVE	23	bloakholty,	49	6 27	Nu	Weather—fair and cold,
	34	Tipperah.	240-	4	Nil	paddy has fallen. Sporadic cases of chokers are reported from the interior. Weather—cool and fine. Asses grop excellent. Winter crops promising. Pric of food-grains falling. Rice is selting at Rs. 2-8 per mannd.
	25	Chittagong Hi Tracts.	,-	2	Mil	Weather—seasonable; cold and foggy is the mornings. Gathering of outline nearly over. Mustard is being sown. Plough-paddy doing well.
	1	Hill Tipperab,	36	\$ 11	Nn	Weather—seasonably cool. Amen paddy still being reaped, a good outburn expected. Sowing of mustard completed. Prospects of sugaroans for Public length to the contract of sugaroans for the contract of sugaroans for the contract of sugaroans for the contract of sugaroans for the contract of the contract
Ð	HAI	R.				Public health good.
	26	Patne.	Dec.	6 '84	Nil	Weather—seasonable. Rebbee crops are growing well. Paddy is ripening easter plants and catton look well. Pappy crop is in a healthy and promisis state, Public health good.
	27	був.	113	6 у	Ni)	Weather—cool and dry. Rubber crops and poppy promite well, but rain won be welcome. A 10 anna outturn of the paddy crop is isoked for in 6 Aurangahad sub-division
	#8	Shahubad,	83	0	Nil	Weather—cool. Prospects of crops on the ground including poppy, fair. Harve- ing of paddy in progress.
	20	Ourbhungs,	10	6 10	Mit	Weather—seasonable. Paddy being harvested. Prospects of rabbes crops contingod. Puppy doing wall. Prices of food-grains stationary. Public heal
	30	Manuferpore,	99	6 11	ma	good. Weather—fine with heavy down. Harvesting of paddy in progress and root out are being gathered in. Prospects of rubbes crops very good. Weather favourable for poppy, which is thriving, but in the north and centre of t
	81	Sarau,	94	6 ,,	grin	district some injury has been done by grass-hoppers. Weather—fair; gradually getting colder. Harvesting of paddy going open-pects of rabbes crops excellent. In the Allygungs sub-agency about for per cent of the perpy land has had to be' resown. In the Chupra sub-agen some damage has been done by grass-hoppers, otherwise weather favourable a prospects excellent. Peices of food-grains falling. Public health good.
	82	Chumparus	11	6	2011	Weather—seasonable. Prospects of crops continus favourable. Again pad being respect. Young poppy plants are looking strong and healthy. Put health good
	88	Moughyr,	Dac.	6 '84	Mil	Wonther—sessonable. Prospects of rubbes crops continue good. Aghani pad is being rouped. Sowings of poppy crop completed, and prospects continue toyourable. Prices falling. Public health good.
		Bhigtipore,	92	6 ,	Nil	Weather—seasonable, cold and bright. Horvesting of aghani puddy has been and prospects are fair. Prospects of rubbes crops good. Priors show a tender to fall. New rice calling at 16 seem in the north, and 20 seems in the north Public health good; some cases of cholera in Banka.
	86	Purseah,	άψ	6 ,;	MU	Weather—fine. Prospects of crops good in the Kinhengunge sub-division, a generally good in the Arrarent sub-division, except thans itsnigunge. In a Sudder sub-division rubbee drops promise well, but the aghani harvest generally poor-
	26	Maldah,	•	8 ,,	жп	Weather—cold and fair. Harresting of winter paddy has commenced. Redd crops are foing well. Prices of food-grains stationary. General heal good.
	,	Southal Perghe	h a	6	2713	Weather—clear and cold. Cutting of paddy progressing. Prospects of suble crops still continue very good. Public health good.
Œ	1881	Me .	4,			
	88	Cuttnok,	Dec.	5 '84	Nil	Weather—cool and clear. Resping of early sorred in progress, late cored riperii with good prospects. Rabbee crops flowering. Deleas and wheat Seing soll Common rice selling at from 16 to 20 seems per rapes in town and 24 seems on everage in the interior. Public health generally good, with the exception
	89	Poortus,	99	4 is	2711	whether—seasonable. Laghu sarad has nearly been bervested. Late way ripoliting. Dalus being sown. Miscellingout oraps doing well. Common ris selling at an average of 21 seem 9 chittack per rupes in the Sudder or division, and 26 seem 3 chittacks in the Khoosda sub-division. Choises of the control of the control of the control of the chitacks in the Choosda sub-division.
THE STATE OF		Balasore NAGPORE.	iy	5 _{iý}	Na 1	reported. Wouther—cold and clear. Harvesting of paddy continues. Promotis of full crops fair. Public Edults generally good.
		th Wart Fronti	ior			
	41		Dec.	5 '84	2011	Weather—clear and cold. Harvesting of paddy continues. Prospects of racionary generally good. Puppy doing well till new, but water-supply for irrigation fields scanty. Prices of food-grains stationary. Some cases of small-p
	43	Lohardugga,	91	6 1,	Mil	are reported from the interior, otherwise general health good. Wouther—semonable. Harvesting of paddy continues. Prospects of rabbes of
	49	Singbhoom,		5 ,,	त्रो	good. Prices of food-grains failing. Public health good. Weather—seen and cold. Paddy being harvested with an outturn of 14 to
	44	Manbhoom,	89 ,	6 4	ara	minus. Cold-weather crops doing well. General health good. Weather—pleasantly cold. Paddy being reaped. Prospects of rubbee or good. New rice sold in the Purnis market so 22 seems per rapes. Put health good.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

					IDOLO		THE STATE OF THE COMPLETE ON THE						
MA 480 OF EAST'S.	Ist week of the tags.	Isl week of Jan. 1984.	af Pob, 1494.	ist week of March 1886.	let week of April 1894.	Int week of May 1884.	ist week of June 1984,	ist week of July 1884.	1st week of Angust 1884.	lat week of Sept. 1894	2nd week of Oct. 1884.	1st week of Nor. 1884.	of Dec. 1894.
	Mds.	Mrts	Meds.	Mds.	Miles.	Mds.	Mds.	MAE,	Mds.	Nde.	M da.	Mds.	Môs.
Baltingiantia	\$.88,960	\$,11,600	4,71,500	19,15,000	10,12,000	9,23,600	6,03,000	8,03,000	6.20,540	066,10,3	4.30.60s	S. 445 500	3.4% fine
Golfudansts	46,900	47.860	96, 200	89,2110	96,95d	79,208	85,900	000,400	86,600	64.800	64.180	49 950	AR GOA
Chilpone, Golsbares, Coorse- teoly, Estabola, and Culps Obli	7,74,600	6,92,200	6,97.700	8,88,750	7,76,500	7,18,309	7.95,100	8,33,100	7.70.800	8,02,406	7,42,300	6,62,000	1,09,801
Pathuclashatts. Posts, and Jornhagan.	6,700	10,000	13,000	10,400	9,800	6,700	909'9	7,069	030"4	6,000	7.800	4,010	3,000
Tollygungs, Chillan, Lidderpore, and Roomkinsky.	006,98	98,760	1,20,400	1,50,900	1,67,130	1,81,950	1,29,250	1,30,200	7,54.500	1,14,050	1,61,509	8-,060	77,350
Il Bingr Batam (estimated)	8,40.000	1,40,000	2,44,900	2,40,000	1,46,060	4, 40,000	\$.40.000	\$.44.000	9.40.000	E.An Pho	A Ah Cho	9 40 000	0.44.704
Other retail shops, 3,129 in number (estimated).	8,59,400	\$,50,000	2,68,900	4,46,000	2,60,000	\$,50,600	1.50,000	1,50,000	£,56,000	2,50,040	9,50,000	8,80.600	2,56,000
Soidgabatty, Nowakernge, Beidresen, and Chender-	9,425	8,700	10,112	7,712	84,087	18,369	19,105	18,883	27,007	24,643	5,753	\$3,100	9941
	16,73,575	16,50,600	19,68,912	E96'05'96	\$6,55,387	23,11,500	23,09,85\$	25,45,583	20,14,907	20,06,591	18,40,003	16,60,990	16,73,109
on Railway premises on both sides of the rivar. On bosts in this interferent re- loaded	(un 3rd Dec. 83.) 24.19 [] 11 to 3rd Dec. 83.)	1,940 (on 5th Jan 8th (thu to 4th date, 8th	form 4th Feb. 8h.) 55.5(5) (4md to 4th Feb. 84.)	(on Sri March St.) Safil (end to 4th March St.)	1,540 fon 3rd April 5k.) 25,239 (13k to 3ru April 9k.)	1,804 (00 3cd May 84.) 8,231 (1ct to 3cd)	(OH 4th June 84.) 8,719 (Fix to 8rd June 24.)	(At 3rd \$10,000 (11,000) (11,000) (11,000) (11,000) (11,000) (11,000) (11,000)	2,902 fon 4th Aufrust 84.1 71,839 (1st to 35.1 August 1836.)	[om 4th Sept. 84.) 13,631 (1st to 3rd Sept. 84.)	(on 10th Oct. 84.) 18,758 (6th to 10th User, 84.)	844 (on Srd Nor. 1854.) 21.331 (1st to "srd Nor. 184.)	S66 (orr 44b Dec. 1884.) S3.501 (16f to 5rd Dec. 1884.)
(dy Canal return.	29,090 (1st to 3rd Dec. 1883.)	84,166 (2nd to 4th Jan. 64.)	1,70,830 (2nd to 4th Pob. 84.)	Lon, 828 (2nd to 4th March 64,)	(1st to 3rd April 84.)	20,071 (18t to 3rd May 86.)	13,049 (1st board Jane 84.)	[WS 4]m] [MK 01 161] 820'86	22,475 (18t to 3rd August 1891.)	05,044 (1st to 3cd Sept, 84,)	45,233 (1st.to 3rd Oct. 5t.)	42,905 (18: % 3rd Nov. 1934.)	17,441 (1st to 3rd Dec. 1864.)
Grand Potel of Stooks	17,32,430	16,54,387	20,97,685	27,90,547	26,11,179	24,07,840	22,31,141	53,42,076	21,43,144	20,97,623	19,00,019	17,45,998	17,51,015
Probable strek sweitsble for angertation by see.	6) lakins.	St lakhe.	103 leichs.	17% lakha.	16 lakba	13t Jakba.	124 lathe	125 lakhu	11 lekis.	100 lakha.	St Jukha.	The land the	64 lalkhs.

STATISTICAL DEPARTMENT, The 8th December 1884,

Secretary to the Goot, of Hengal. COLMAN MACAULAY,

PRIOES-CURRENT of Food-grains, Firewood and Salt in the

RETAIL SALE :-QUANTITIES PER RUPEE BY

					. —					_				_			_						_								
				V	Vagu	ar,				81	alut.			Rio	ii, 19	902	00B1		1	Rjoj	B, 00	achi:	1097-	18	TL.	oue M	IGENT LJRA.	GREA	T MILL VX Jo	TAB,	
Number.	DISTRICTS			Present return.	100 mm and 100 mm and	Nert preceding returns	Corresponding return	of last year.	Propest return.		Nest preceding return.	Corresponding return of last year.		Present return.		Next preceding retarn.	Corresponding retarn	of last year.	Onestern to be been		North preceding relate.		Corresponding return		Present telum.	Nest prescuing return.	Corresponding return of last year.	Present reture.	-Ners preceding return.	Corresponding return of last year.	
	BENGAL.																														
W	ostera District	la.	6	en.		~		M.	D (T	. 10	ent.	S. Ch	ıQ.	1%	-61	r th		rain i	9.	Ch.	я.	Wa I	9.0	Sk . M	CII.	.10 ML	.js. ch.	0 11	till and	day of the	-
			404	ÇIII	0	UB.	Ou.		o. U			-34 01	0.		-		1.714	-				_	,	-	-CII	10 00	G. C.	2. 1/0.	o. Un.	o.un.	Ŧ
1	Bardwan	***	10	0	15	8	16	0	28 (9	0 8	99 8	11	6	11	8	14	9	10	0	16		19 (1	849			144	404	344	١
9	Bankoora	***	15	0	16	8	15	0	16 (1	7 0	16 0	14		14	8	18	0	16		16		17 (. p.e	110	191	alls	161	***	
*	Peerbboom		16	0	16		15	0	***		***	***	16		18	8		8	16				15 (***	"		**	141	regio	
- 6	Midnepore	616	19	0	18	0	16	0	20 (9	0 0	15 0	14	0	1.8	0	11	0	16	0	16	0	16 (1	***	10	010	441	fee	*14	
5	Hooghly	andred	16	0	16	0	13	0	***		***	gkn	B	0	8	0	9	0	18	0	18	0	18 (146	Pali	-	***	101		J. a
		994	16	0	1.5	0	18	В	7-7-		494	846	11	0	111	0	19	8	18	4	18	6	14 /	3		180	_	***	197	***	
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6	24-Pergeonalis			Û	14	8	13	5		0 1	17 6	10 0		0	0	8	8	0		**	16	0	16		418	494	16 0-	414		*14	
7	Nuddea.		17	- 6	17	4	14	8	37	61	21 5	84 10	11	9	10	10}	19	8	1,9	6	11	8	18 1	4	460	*#*	p. p. d	444	104	440	,
8	Khoolna	4+				***					414	6494	18	0	18	0	18	٥	18	0	16	٥	14	٥	aga	h 4.1	*# 4		1+4		ai
	Jessore	810-1	18	8	16	Ü	19	4				***		O			19	4	16				16		449		•		701	-94	
30	Moorehadabad	## L		0	18		17		***		+47		10		10		12	0	16		14		16		410	1	-	***	h-g-l	-	ı
11	Dinagepore	***	15	12	16		18	0	16	נ' פ	6	18 6			10	19	18	0	13	4	18	"	15			194	-	465	101	148	
13	Hajshahya	.,,	10	14 {	16 to		15	19	21	0 15	1 0	30 of		12	}	10 8	19	0	19	8	19	13	{18 14	15	11	741 700					7
18	Rungpore		13	0	58	0	1.0	0	۵.	ĺ	***	191	7	0	7	0	8	10					19			Add	14	444	0 H1	100	
14	Bogra	494	13	8	15	0	1.5	0	45.0		***		9	18	9	0	9	12					10		4001	498		ordens	1		
16	Pubna	001	10	19	Ba	19	10	19	* >				8	4	R	4	7	8	H	4	1.6	0	14	1		۸.					
16	Darjeeling	10-1	10	0	10	٥	7	0	3 (0	les r	7 0	5	0	6	¢	5	0	11	0	10	a	[10		14 P	*10	***		114	***	
17	Julpagoree	ah-	10	0	10	0	10	Ó	454	5	00 0	90 0	10	0	10	0	9	0	1.9	0	19	0	14	١	16.6	14-	100		440	140 "	
28	setera Districti	jî.			,							,					,				,			,		,		,			
16	Dacta	411)	18	6	18	U	15	Ĥ	16	0 1		19 8					14	4	16	0	13	0	17	0	49=	400	PAR	(IN		-	
19	Faurendpere	11)	99	0	:20	U	22	G	34	0 1	84 0	30 O	1				19	B					16		001	***	Pdr	100	200	-	
90	Backergunge		1	l ĝs		,,,		P h 1	***,	-	840	141	19	19	11	8	18	U	14	13	18	0	10	0	+9-8	11+	-	***	904	~	
st	Mymeneingb		: 18	6	13	4	18	8	v8 h		ты	1494	10	4	10	0	10	D	19	8	13	4	18	8	sh+	414	14-	80-0	***	see	

In the sub-divisions the retail prices of saft per rupes were:—Culms 14 seers, Cotwa 13 seers, and Ramoguage 13 seers.

In the interior the retail price of saft ranged from 11 to 13 seers per rupes.

In the interior the retail price of saft ranged from 11 to 13 seers per rupes.

In the sub-divisions the retail prices of saft per rupes were:—Ginital 14 seers, Contai 12 seers.

In the sub-divisions the retail prices of saft per rupes were:—Seampore 13 seers and schambed 13 mers.

In the sub-divisions the retail prices of saft per rupes were:—Harsest and Rusersh 13 seers, Barrack pore 12 seers, and Dun-Dum 12 seers, in the sub-divisions the retail prices of saft per rupes were:—Setkhita 11 seers, Meharpore 12 seers, Chroadanga 12 seers, and Rasagust 13 seers.

In the sub-divisions the retail prices of saft per rupes were:—Setkhita 11 seers, and Biguint 11 seers.

In the sub-divisions the retail prices of saft per rupes were:—Setkhita 12 seers, Magoura 10 seers, Novail 12 sears, and Bong ong 13 seers.

In the sub-divisions the retail prices of saft per rupes were:—Labagh 12 seers, Jungipare and Kandi 12 mers.

Districts of Bengal for the Fortnight ending the 30th November 1884.

		MACRE	Pen			_					1							IB	HAJO	F 80 1	EER O	4 K B
		SALT.			Ĝaly.			ib.	K BWO	Ft				an,	Gg		DIAH-	or ly costs.		RWA	OR MU	BAGI
DISTRICTS	Corresponding return of last year.	Next preceding return,	Present return,	Corresponding return of inst year.	Next preceding return	I I WOOD KIND IN	Present patron	Corresponding return	Next preceding return.	responding the state of the sta	December 1	last year.	Corresponding metara	Next preceding retarn.		Present neturn.	Corresponding return of last year.	Nert preceding ratum.	Present return.	Corresponding zeturn of last year.	Next preceding return.	Present retorn.
BRNGA Western Distri																						
	Ra. A.	Re. 4.	Ra A.	S Ch.	J. Ch.	Ch.	h. 8.	8, 0	e. Cl	Сь.	.8.	Ch.	8.	Çh.	h, A,	8. C	8. Съ.	B. Ch.	S. Ch.	s. Ch.	8. Ch.	Ch.
Bardwan.	3-0-4	9-14-B	9-14-8	12 15	8 0		0 18	120	120	0	120	6	18	0	0 20	18	***	***			200	699
Bankoora.	8-3-6	8-2-6	8-1-6	19 0	3 19	B C	0 18	280	240	0	240	0	10	19	0 17	18	28 0	28 0	26 0	*8:	111	,
Beerbhoom.	8 0	8-2-6	8-2-6	12 ₹	3 0	D	0 18	160	180	0 (160	0	16	0	0 18	16	447	1 69	27.5	141	414	***
Midnepore.	9 14	8 11	3 0	19 0	9 19		0 12	155	155	5 0	168	-	10	0	0 18	16	4++	141		100	484	141
Hooghly.	2 14	9 14	8 14	13 9	8 8	9	0 18	120	130	0	120	0	16	0	0 18	16	487	160			460	101
Howeah.	8 0	8 0	8 0	18 0	.a o	0	0 13	80	80	0 (Bo	0	17	8	17	17			41-4	Pend		
Central Distri	0.10	2 12	2 12	(18 6	2 18	20 1	or I P	ol Oct	1.On		Diring											664
Calcutta.	2 18	8 0	8 0	18 6		F (0 12	90 80			300		14		_	19 1				P-0.1	++=	481
\$4-Pergunnahe	8 5	" "		_	19 10	3		60	90	0 0	1.030	0	16	В	0 17	20	16 0	29 19	94 B	***	9-10	884
Nudden.	8 0	8 0	8 0	11 10	11 104	104	11	414	19.	**		12	17	43	5} 21	\$1	441	+84	***	s#6	91)	481
Khoolna,	8 4	3 2	5 2	10 B	12 0	H ₀	0 13	2:0	200	0 ()	.200	0	16	0	0 16	16	.,,	- 80	494		6+6	693
Jacobse.	3 10	8 2	3 2	10 12	4 12	12	014	190	120	J O	194	0	16	D	0 16	16	4+1	401	147	410	164	680
Mooranedahad.		3-1-8	8-1-9	18 0	9 0	10	0.19	120	190	0 0	190	0	16	0	0 90	20	481	64+	194	á Br	40.0	+84
Dinagopera,	8 6	8 4	3 4	11 8	.g. U	0	0 13	160	160) o l	160	. 0	14	0	0 16	14			,,,		001	101
Rajahahya,	8-2-6	8 0	8 0	12 0	9 12	I, 19	0 19	260	940	0 (240	0	16	0	30	17 6 to 19 6	}	b-97			41	
Kargpore	164	4 0	8 B	13 6	0 0	M o	10	110	98	3 0	98	0	16	12		9 1		1104	i			484
Bogra.	3-9-8	8-5-4	8-6-4	19 0	19 0	0	8 12	67	80	0.0	90	1 0	113	i 0	0 18	15				710	***	001
Pubpa	3 11	3 1	3 1	12 4	13 6	N	0,18	200	800) U	900	19	15		0 17			PIK			***	***
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		ļ			2 4	9	l E				ļ						16 0	20 0	18 0	18 0	18 0	4 0
Julpigores,	8 4	8 4	8 4	13 6	135 14	*	0 138	130	1.80	, ,	1390		18	. 0	0 16	146	110	and	1		191	nds-
Sastern Distri			ا م ما	12 12		q . j.	ا مام	l					J		1		1	1	. 1			
Dusca.	8 1	8 0	8 0	12 12	3 0	R	0.18	97	80	0	80	8	18	0	18	18	084			961	»ht	144
Patreedpore.	8 6	8 2	3 9	12 0	9 0			120	190	U	120	0	20	C	0 16	10	865	489		ads .	484	-
Backergunge.	2 11	8 9	8 11	- 1	9 0		0.18	130	180	0	730	0	16	0	6 14	16	440	1111	15.5	r=-	***	***
Mymensingh.	8 8	3 8	2 3	19 8	9 8		In	444	191	.]		0		4	0 15	15						

The retail price of salt at diagrange was 112 avers and at Natyore 10 evers per ruper.

Let the sub-divisions of Nattore and Nowgong the retail price of salt was 12 seem per rupec.

In the sub-divisions the retail prices of salt per rupes were:—Nephanian 12 seem, this hands and Karigram 13 seem.

In the sub-division of peragrange the retail price of salt was 122 serm per rupec.

The retail price of salt at Kussong was 6 seem, and at Salegran 11 seem per rupes.

The retail price of salt at Faltacota in the Alipur sub-division was 10 seems per rupes.

In the sub-divisions the retail prices of salt per rupes were:—Bloomington 13 seems, and Marsinguage 14 seems.

In the sub-divisions the retail prices of salt per rupes were:—Conlunts 13 seems, and Marsinguage 12 seems.

In the sub-divisions the retail prices of salt per rupes were:—Kinhorogange 102 seems, and Perosapore 11 seems.

In the sub-divisions the retail prices of salt per rupes were:—Kinhorogange 102 seems, attic 12 seems, and Jamelpere 112 seems.

PRICES-CURRENT of Food-grains, Firewood and Salt in the

RETAIL SALE :-- OUANTITIES PER RUPRE BY THE

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-				WE	i vi	r.			B	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C-		Rı	cow,	274	2 # (DRT.		Ri	юw,	COI	NE THE C	riir.		Bonnot Comi	in Mr. 100, B			MILL UN Joy	
	districts.	1	Protent retuth.		Mart preceding return.	Corresponding return		Present return.		Nort preceding reture.	Charles and the control of	Corresponding revers	O. Acceptant	Profess results.	News preconding return.	G	Corresponding tetural	of that year.	Present return.		Nest preceding reply.		Corresponding treuth	03 1836 3081	Prefent return.	Nust preceding return.	Corresponding retard of last year.	Present relate.	Next preceding return.	Corresponding return
_	iara Districts.—i	Cone	elud	led.																										
1					Ch	9.	Ch.	8. 0)ta	s. cl	s. S.	Ch.	8.	Ch.	A.	Ch.	8.	Сь.	9.	Ch	8.	СР	8.	Cli.	8. Ch.	S. Ob	R. Ch.	ја. Оъ.	8. Oh.	8. 0
	Chittagong	16	0	14	0	11	0			PNI		83× 1	18	0	1.8	0	18	Ŋ	10	Ô	16	0	16	0	184		4-47		***	~
	Meakbolly as		,=+		D D h	,	4 -			-+-			13	0	13	0	16	0	16	0	14	O	16	0	19-		- 14	104	469	
	Tipperab	12	0	34	8	18	0		.	191		44.	12	8	19	e'	16	4	19	14	13	10	16	8		44+	-+1		864	
	Chittageng Hill		→		.,		rd i			141			11	0	10	10	19	4	13	0	11	13	18 3	14	.,,	+4 -	***		***	_
-	Truc's. Hill Coperah BEHAR.	12	0	19	0	10	0	4.	.	+6)		49.1	12	0	19	0	16	0	1,8	0	14	0	16	0	161	*4*		***	***	
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):	Mozafferpore	16	3 (9 13	7 (16	0	.26	0	26	0 3	5 0	11	0	11	0	10	G	16	0	15	0	14	٥		.,,	4.16	high	1011	.,
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	Сьипрасия	16	8							471	3				12				16						r41		***	>84	*11	ve
	Moughyr	23	1	19	16	17	13	23	n	16 14	1 2	1 0	10	8	10	8	20	5	14	12	13	1	12	υ.	161	+1 5	+81	1404	***	-
1	Bhagulpore	10	9	18	9	18	.2	20	8	20 1	8 8	4 0	10	11	10	11	11	15	13	14	13	14	18 :	1.46	101	20.4		las		***
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	Mahdah	20) II	10	- 19	18	0	ļ ,	ha .			***	10	12	20	0	18	D	12	4	13	0	18	()		194		100	***	-
-	Postial Pours.	10	0	15	0	18	0	-	4	410		494	12	0	11	0	18	0	16	0	15	0	14	0	***	10-4	1.01	197		-
1	ORISA.	91	0	91	0	114	7			291	1	44.	18	2	18	2	12	51	18	84	17	1	21	۵		101	-	- 100	4.	-
	Poores -	16	13	14	7	9	8			140		184	11	18	11	18	16	7	10	0	16	19	10	11	482	HH	eta	-	- OR 11	
	Balanore	15	0	18	0	14	0	11	0	11 (***	18	0	19	0	11	0	26	0	91	6	\$1	0	HEE		100	-01	*	46
200	CHOTA NAG	PO	BE er a	i. Agen	iegr.																		,				- 6			
	Hamresbugh	15	0	1.5	8	1.5	0)6 (104	12	0	11	8	9	0	18	0	17	0	14	0	441	181	-		-	-
	Lohardugga	14	0	16	0	16	0		•	/+7	L	0 0	16	0	16	0.	14	0	21	٥	go.	0	18	0	seq	***	-	-	44	-
	Singbhoom -	18	U	120	Ď	to	0	10	U	90 0	3	ŧυ	20	U	20	0	22	U	94	0	26	0	28	Q	1164	101	100	***	-	
	Manbhoom	18	1 18	18	0	13	0	14	D			-41		++	15	0	16	0	22	0	21	0	81	8	àès	144	-	ple		-

In the interior the retail price of rice, common, ranged from 17 secret 1 chittack to 36] score per rupes.

Unthe interior the retail price of salt ranged from 0 to 12] score per rupes.

Un the interior the retail price of salt ranged from 0 to 12] score per rupes.

Who the sub-invisions the retail prices of salt per rupes were:—Brahmanbariah 18 score, and Chandpore 19; score.

The retail price of rall in the Aurencabud sub-division was 11 score per rupes.

In the sub-division of Tajpore the retail per rupes were:—Buxar and Sasserum 13 score, and Bhabbash 11 mars.

In the sub-division of Tajpore the retail price of aid was 11; score per rupes.

Zi In the sub-division of Tajpore the retail price of aid was 11; score per rupes.

Zi In the sub-division the ratail price of aid ranged from 10 to 12; score per rupes.

Districts of Bengal for the Fortnight ending the 30th November 1884 .- (Concld.)

		TOLA	H8.																				-	Vir go	PBR	BB C	গুৱা	D 03		
HAGI	n Milli or Mi in Chi	DEWA	M	i i a	COR		PDIAT-			G	RAM	i.e			P	AND THE	rood.			*8,	Lt.					SAI	æ.			
Present return.	Next preceding return,	Corresponding return of last year.	Present roturn,		Nest preceding return.		Corresponding return		Present return,		Next Preceding teturn.	Cormenondian	of last year,	D'esserie	THE PARTY AND THE	Nort preeding reture.	Corresponding natura		Premat retains.		Next preceding retorn.	Corresponding order	of last year.	Prodont puttere	CINNELL CELLIST.	Next preceding return.		Corresponding return	of incl. year.	DISTRICTS.
																										East	e Car	rs I	Die	riote.—Constude
, 'Ch.	6. Ch	18, 'Ch	18. C	h. 18	s. O	b.	8. CL.	ld.	Ob.	8.	СЪ	18.	Cb.	3, (Zh./I	S. C.	ь.[8.	СЬДЕ	s. Ob	. 8.	Ch.	8.	СЬ.	Ra.	اإنه	Ba.	A.	Ra.	.A.	
***	4+4	100	.,,,		+40		***	13	A	15	40	13	0	120	0	120	0 60	0 1	s o	11	0	11	0	9 1	le.	В.	g	8	4	Chittagons.
,	d+1	111-	111		141			11	0	12	.O	12	0	1,6		** *	44	, 1	0 0	10	0	10	e	3	6	3	ß	3	6	Neakholly.
191			.,		+111		484	16	10	15	10	18	0	,			١.	, 1	2 Q	12	0	18	0	8	3	3	4	8	5	Tipperah.
191	na 6	h#4	H .				40.7	14	0	14		16	0	320	0.8		0 820	1.	8 0		0	B	0	4 3	8		8	3		Chittagong Hit Tracts. Hill Tippersh.
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		***	34	0 2	12 (141	22	0	20	0 }	to 20	, <u>,</u>	160	0 1	140	0 120	01		12	4	19	8	8	1	8 :	L	8	1	Shababad.
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0 0	94 0	97 0	29	8 9	9 (7	21 0	22	0	21	0	80	0	160	0 1	:00	0 180	0 1		12	0	11	0	3-2-	0	3 5	1	Ð	6	Ватор.
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L. O. I.		19.	84	0 8	0 (-	91 7	29	11	21	7	20	13	164	0	88	0 151	B 1	Zō 9 10 Z 6	19	10	1.3	16	9 1	4	8 (,	8	0	Dhagulpore.
291	,,,	P-8-	- 01-		ptq		49.1	13	0	17	0	16	0	150	0,1	00	0 180	0	85.0	10	19	17	0	41+		8 10)	3 1	9	Purneeb.
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4		"		# E				}		1		!		ļ				Ţ	STA.			I	,		1	Sout	C A	HO.	ra Mr	NAGYORE.
7 0	97 0	24 0	26	0 8	16 (18 D	17	0	17	0	18	0	860	0	140	0 246	0	0 0	10	0	10	8	3-7-	-3	8.7.	3	8	9	Hazarrobagh.
0 0	44 0	82 0	20	0 9	16 (26 Q	16	0	16	0	14	0	120	0	190	b 100	0 1	1 0	10	0	10	0	3	6	3 1	D	a 1	10	Lohardugga.
484		h 8-	10-4		***		náÞ	12	o	19	0	90	0	1.60	0.3	80	0 160	V	p 6	9	۵	8	D	4	0	4 1	0	4	0	Singbhoom,
101				1	4.19		404	17	0	17	0	15	0	940	0 9	40	0 120	10	1 10	11	LO	10	19	8	4	8 8	3	8	a	Manbhoom.

Z3 In the interior the retail price of salt ranged from 10 to 13 secre per rape.

Z4 In the sub-divisions the retail prices of salt per rapes were:—Begusarsi 11 secre, and Jamei 11 secre.

Z5 In the sub-divisions the retail prices of salt per rapes were:—Begusarsi 11 secre, Madhupura 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 10 secre, and Scopes 11 secre per rapes.

Z5 The retail price of salt at Chairs was 11 secre and at Eurra Baxar 11 secre per rapes.

Z6 The retail price of salt at Chairs was 12 secre, and at Burra Baxar 11 secre per rapes.

WHOLESALE PRICES-CURRENT of Food-grains, Firewood, and Salt in

			_	_	_	_			_					_		_	_		_	_	_									_						_	P	R1	CES	PER 1	INUAI
				,		W	ER.	AT.							BAI	ı,	T.			1		B	101	J, 2	k jiralij (84)BI	r.			1	Bre) JII.	OQ1	EBE c	ı ili				UNE M	elund— Laura
Mumber.	MARTS			Present return.			Nezt prebeding refnen.			Corresponding return of heat year.			Protest Polam.			Next preceding return.		Commenceding orders	of last year.			Present refarm.			Next preceding return.		Correction dine patern	of last year.	-		Present reture.			Nost preceding return.		The second state of the second	of last year.		Permit ritura,	Nest preceding return.	Corresponding return of last year.
			R		. P.	R	. 4	P.	R	. A.	P.	R.	٨.	P.	H.	٨.	P.	ĸ.	٨.	P.	R.	<u>.</u>	2	B.	٨,	p.	R.	بال	24.	B.	٨.	P.	ĸ.	٨.	э.	R	4.	₽.	Biair	R.4.1	But
1	Calcutta	pt.	9	6	0	3	4	0	8	ð	0	2	0	o	=	0	0	2	2	0	5	0	0	4	16	0	6	8	0	8	19	0	1	12	0	1	19	0	8 6 1	3 8	3 0
2	Bereigunge	781	2	8	0	2	8	0	9	8	0		-14	ļ		***			11-4		4	12	0	4	9	0	4	4	0	8	9	0	1	£	0	8	1	0	ни	Ma	1
8	Decos	** 1	2	4	C	9	4	0	9	10	6	2	B	0				9 .	10	0	8	10	0	3	10	0	일 :	12	0	9	12	0	8	0	0	2	đ	0	***	846	
4	Marsingan	ro.		181			1964			10.04		i	46.6			all e	1				2	18	0	8	8	8	2	19	0	2	10	0	2	15	0	8	4	0	794	440	
4	Chittegong	Bán	91	В	0	1	8	0	a	Ð	0		44 9			441					8	0	0	8	0	0	9	16	0	3	6	0	9	6	0	9	0	0	101	-	-
4	Pates		1	9	6	1	14	0	9	0	0	1	8	0	Ţ	10	0	1	6	6	8	8	0	8	δ	o	8	1	8	9	3	0	9	8	0	2	14	0	***	***	-
7	Balacers		9	8	0	2	0	Ü	2	8	0	8	2	0	8	2	0		-		8	0	u	8	0	0	a	8	0	1	10	0	1	19	0	1	10	0	# Du	m.	-
8	Possilla	Ng r		107			ndn			104			100			who			101			147			d Ira					2	0	0	2	7	6	9	0	0	244	484	_
9	Cattack	pile	1	11	0	1	11	0	2	10	Q		144						481		a	0	0	a	0	0	8	0	0	3	0	0	1	2	٥	1	11	0	ete		

CALCUTTA,
The 9th December 1884.

the undermentioned Marts of Bengal for the Fortnight ending the 30th November 1884.

OF 40 SEKES.

	Grил Спох	r Milli Um Jos	GBT NAS.	RAGE	OR MU	RWA	Maisi	or Iv:	DIAM-		GRAR	٤.	1	TERWOO	D ,		BALLE.		
	Prints return.	Next preceding return.	Corresponding tetarn of last year.	Printed return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return,	Next preceding return.	Corresponding return of last year.	Preffent return.	Nest preceding return.	Corresponding return of last year.	Present refarm.	Kert preceding return.	Carresponding return of last year.	Marts.
1	Вале	B. 4.0.	R.L.P.	R. a. p.	R.A.P.	R.a.p.	E. A. 2	R.A.P.	R.A.R.	R.A.P.	B. 4.	2. R.A.2	B. A.	P. R.A.	P. B.A.S.	R. A. 1	R.A.P.	R.A.P.	
		3 9 0	1 16 0	004	***	***	1 19	L 19 0	1 14 0	3 1 0	3 1	0 3 14	0 6	90 5	90 68	9 12	9 19 0	9 12 C	Calcutra.
	-	410	68.5	e8+	and a	6 da	a61	194	P14	9 10 0	2 9	02 6		149	1 010	3 0	0 3 1 0	8 0 0	Serujgunga.
I	10-1			ANGA	***	+41	***		-11	2 4 0	2 4	02 2	0 3	00 8	00 70	8 0	0 8 0 0	8 1 0	Dance.
ı	1984	0.00	qp1	PP-		.,,	***	+#1	***	9 4 0	9 4	09 9	0 8	00 8	0 7 0	2 16	02 14 0	9 3 0	Naraingunge
-	-	441	140	i-in	***	9.61	617	. 110	ыь	a 0 0	2 8	0 3 14	0 4	00 4	o	2 14	08 80	3 4 0	Chittarong.
I	494	mộd	rts	±4>	м.		1.8	1 40	1 60	1 5 6	1 18	0 1 9	0 6	00 5	00 80	8 0	0 8 0 0	8 0 0	Pains.
-	-	204	101	494			P# P		váv	2 6 0	2 6	028	0 8	00 6	00 30	8 8	08 60	6 0 0	Balasora.
1	-	464	441	Ball-)	4	rq.	89*	***	147	***	164	616	441	***	104	2 8	e 7 7 0	9 19 C	Poores.
	144	100	A-pts	R 5 0	960	260	964	194	641	1 90	1 10	01 11	0 8	00 8	0 8 0	9 18	0 19 0	2 12 0	Cottack,

Published for general information.

COLMAN MACAULAY, Secy. to the Goot. of Bengal.

Meteorological Report of the Province of Bengal

									14110	NOBSE	THE WAY					Po f	
		0			PARKET	ER.	Aird					MPERAT				Demidity	
Distric	CT	Representati	70	Mes.n Darometric height, 50 a.M.	Means reduced to sea-level.	Verlation from	Prevaling dree- ston.	fieun wind relo-	Bighest darling work.	Lowest during week.	Year matimum (emperature.	Ment minimum temperature of week,	Mean daily tem- persture of week,	Variation from normal mean of week,	Heas 10 A. K. (amperatura,	Average hum	
Boone		Gopalpure	041	80'183	20-173	-	NW	276	76-6	26.0	75.0	67'1	66.0	· - I	70'8	95	
Poores	100	Palse Point	Bek-	20,301	30,133	+108	NB	134	7914	52.2	77.3	55'2	66.2	-47	71*+	ba ·	
Cuttuck	***	Outtack		801204	30.188	+*118	Onlin	87	63.3	51'9"	85.00	EE-So	\$8.0°	-614	72*6	55	
Balasere	477	Balasore	4.14	80-140	501901	-	NB	46	79.0	4914	78.8	61'8	64'0		72'0	80	
South-West M	idemper	Rangor Island		50"181	20178	+1148	N	171	77'7	56-9	75'8	09-2	67'6	-3.9	70-6	72	
South 24 Persu	annahe.			20 101	100 110	1	,,,	*1.	** *	1,1	14.0		0.0		1	0	
Midmipore		. Kidnapare	+1*	20:045	10-201	-	N	97*7	7913	92.5	77'7	83'4	071*6	-	71/9	50	ŀ
2s-Pergunnabe	9 m = 00	7															
Bowmh	est _ es	Caloutta	84-	50°164	20,198	+.118	N	98	77'0	B41'B	70'4	87.7	607	-2'8-1	(10,9	68	
Hooghly	441 27				*****					- 4:0							
Burdwan	944	Burdwan	=+.	30*063	301187	+'104	NEANW	12.3	79.0	24'6	33.9	p2.6	66-6	-2.6	09.0	58	
Bankooru	1111 10	11								WH 1 A		m(5+)	4.				
Beerbhoom	400 10	Ranigunge*	H des	29.941	-	_	W	59	73-5	51'2	77.6	12.4	60.0	_	69-6	(30	
West Burdwet	1 100 00	1		gaves	g/upac	, , ,			BE - 0	8112	in on a	56-1	40	F1.4	40.0	-	
Moorshedabad	444	Berhampore	40.	50-181	10:200	+-120	N	51'6	77-0	14.7	76'6	60.1	60%	-2'4	68.8	dB	
Nudden	p-100 -	0+4+44				OP	earvalory n	of starte	id.								
Jessora	Edy HT	Jamore		20/241	30.110	+-112	N	65	79.2	62'5	78-0	03.8	60.0	-3%	75*8	46	
Khoolun	141 44			904004	\$13.340	0 11 45	AT ET A TE ATE		me A	Buch	dedo: To	1040	ar-B				1
Chittagong		Chittagong	FBI	30.084	80 169	,	[NEARNE]		79-1	81.0	22.7	56.3	6617	-4.6	70-3	70	1
Chitagons Bil	l Track	L.	441			Оы	orvations n										1
Backergunge	94%	Barrisel	siere	20'045	entro					y order							
Noakholly	841	Noakholly	***	50'087	80,133	-	Calm	50'7	70.2	62.7	Tres	56.0	66.4	- Pto	71.19	67	1
Furreedpore	410	Purreedpore	444	80*087	*******	-	N	52.8	77.6	60.10	76.4	3414	65*6	-2,8	7175	69	
Диссь	788	Dages	ы	30:144	30:167	+1120	N & Calm	27	78'8	53.7	78.0	85.9	66'7	-	72.0	71	
Commillak	949	Committeh	14-	30:120	30 137	-	NW	15'1	60.4	611	78.2	64'0	661	-	72%	66	1
Mymensingh		Mymensingh	14.	30 '082	40:345	_	NNE	64.	81.4	561	78.5	2.99	67-3	-	73*0	60	
Hogra and Pub		Setajgunge	-15	80-135	30'163	_	NE	26-6	77-9	5170	16.0	89.4	65.0		0915	74	
Rejababye		Rampore Beau		80.093	80:100		NW	2479	? 60+1	67.7		90.6	P	T. 1	70:0	60-	
Diungepore		I/inagepore	101	80'070	80'196		NNE	54'8	60.1	4878	77:6	81.8	64'8		69'8	67	
Rungpora		Eungpore*	844	80'074	80.501	-	EANE	47	77.7	20.7	76'8	6213	64'5	-	BFT	78	
Julpigores	100 411	fulpigores	14+	20 879	30.118	-	E	80.0	7810	61'1	77'4	52'9	85'5	-	71%	06 ¹	
Cooch Behar Darjoeling Hill	District	1		23-128	_ :		Calen	9	80'9	faz gude	4844	85'8	6116		4711		
Burnsey			441	200		Ξ.	Owner		20 0	34.7	47.5	60.9	40	- April	4576	76	
North Bhagulp		Purmenh	001	20,000	20.317	+1166	Calin	6.0	79*2	4819	77'0	47'3	62'6	-4'0	67:3	70	
Mosufferpore	***)															
Durbhunga	rest.	Durbhunga	-04	30'066	801231	+ 163	WNW	43	76'D	62'9	74/4	68.0	8410	-9.8	67.7	-65	
Chumparun		Motthari	+++	291971	50'91‡	_	SE & NW	95*9	7514	45'8	75.9	40.6	61.4	_	67'8	58	
Barun	401 4	cm	111	\$9'D6E	_	_	w	918	70.0	49-9	75-5	80'0	69'7	_	00-B	54	
		Dehron	14+	29-830	80'224	_	BSW	125'6	70'0	40'0	746	81'4	68'0	_	6514	68	
Shahabad	000 vs?	1 .	101	29 '986	80'520	_	NW	6417	77*6	47'0	75-2	40.0	62-1		70'3	- 50	
		Armh		20'075	20128	-	WNW	818	75-8	48'0	73'0	47.9	90.B	_	67:4	68	
Gyn	100 ,	. Сув.	141	29'817	80'213	+110	Calm	10.0	77:8	457	75'8	45'9	80.9	- 5.0	69-7	46	
Patna	140 p	91 14-	101	20,018	30,508	+'340	BW	341	75'5	4018	74'0	82'8	62-9	-1.0	67-0	61	
South Bhagulpe		,	-								783	- A 4		Į	7, 4	- 4	
Monghyr	ird ppo	Bhaguipore	10-1	80'091	80-191	_	NW	801	7014	47'8	7416	49'4	849	-	08°d	85	
Southal Perguo		Doomks	***	29'683	_		N	70'6	76'0	67'8	75:4	50.6	92.0		6719	71	1
Hasaribagh	ee1 4	. Haurrhagh	84.	\$8.730	96.200	+1094	NB	63.2	71'9	47:8	707	48.0	09.2	-2'6	67.2	45	1
Lohurdruge	w44 -27						47.23		1. 7	4, 4	707	487.17	47.0	-10	04.9	- 50	
Maubhoom	\$60 H	Kalithee	blu i	37-969	80*150	-	-		27.0	46'4	701	80'0	60,7	-	64/8	49	1
																	محص

Reptantion.—Summery.—The normal inesses of air pressure and sumperature are too arithmetical averages or means of the readings during the same The democial of the atmosphere is expressed as a percentage, estimated are burg represented by 100. A clear sky is denoted by 0 and an overcost sky vations of capitall, two normal means are the numerical means of averages of the rainfall in that district determined from the returns sent in by the sub-district means (i.e.), the total rainfall at the sub-divisional stations in the district meaning in returns divided by the number of stations. A rain

for the week ending Friday, the 5th of December 1884.

				Ði	ATRICT OB	BREVATIO	NS.				00				
4	1				BATH	TALL.									
100	Cit	wack.		1st of Nave	ember.		nce 15th F	luy.	delar	number s deya.	Regressio	tative n.	DISTRI	IOT.	
Marania of	Men Per dintrict.	Formal means	Mean for district.	Normal menal	Yariation,	Westn For district.	Normal mean.	(asintion.	Average number of their days.	Morgania in of ming a					
NS	-	-	-	_	_	m.	_	_	-	-	Gopalpore	*14	Poores		
MI	3613	0°31	0.408	2.50	-2124	48149	87184	-7185	0-0	0.81	False Foint		3 2 001200	14 11	
z(ii	3641	0-28	Nii	1:10	-170	67105	52*36	-470	0.0	0.9	Cuttack		Cutteck	150	17
Mil	3613	911	0.08	3 '04	-1-03	66.08	53-49	+2160	0-0	0.2	Balasore	+4	Bulanore	444	
MI	, Ma	0.30	30(1	0*83	0.8\$	60159	61.78	+7'81	q. 0	0'3	Samer Island	nd	South West &	didna ummai	por
Mil	*H1	0.19	Nii	9143	-0.42	63:03	40'94	-6.83	0.0	0*9	Midnapore	14		701	P11
307.01	340	444	0.08	6158		46103	80'94	-1:01	0.0	0.3	Onleutin		Hownship	* 20	671
3851	Mer	0.33	Nil	0.40	-0.40	36192	46'29	-10.28	0.0	0%	Burdwan	***	Burdwan	*44	441
旗缸	70753	0 *18	0.42	0142	-0*37	36'94	21-13	-1279	0.0	0.3	Rangungo	445.4	Beechhouse	***	444
					i i								West Bardway	1	***
265	3677	D-08	MII	0:40	0'40	26-42	49*88	-14:26	0.0	0'1	Herhampore	1 10	Moorehedabad	*44	^+,
	3(8	07.8	MU	0.21	← 0'6]	86-44	48'45	-13 03	0.0	0.8	++1 =44		Nudden	741	***
3641	MIT	0499	0.48	0 65	-0~87	88-11	55'15	0*08	0.0	0.2	Jemarn		Khooma	PRIS.	4 d a
zin.	1607	0.87	2.74	1.07	+1.12	100'56	111.88	-5.81	0.0	4.8	Chittagong	***		19.6	
	1611	0.30	2:41	2-01	+0.40	62-66	86'01	-23:36	0.0	0.9	Domagie)	44.1		l Tre	ota,,
	2013	0*84	4/96	1.30	+2.86	83124	70.07	+ 0.07	0.0	0.4	Harrisal		Backerguuga	163	110
3(1)	. NE	0.40	8-65	2.02	+5'30	95166	110.38	-16/96	0.0	9.8	Number	***		+10	
3613	1911	0.71	0.63	0.01	4-0-19	43°89	169,00	-18.18	Ð.6	0.8	Purreedport	.,.		1419	
3163	Nil	0.58	0'70	9.76	0	47182	89.70	-10°95	0.0	0'2	Danga	***		19.8	
3612	Nil	0*29	3.61	0.61	+0.80	04-19	71'18	-6'97	0.0	0.4	Commillah	+4+		784	411
MEL	3613	0107	Q126	0.43	-0.08	49'04	69.56	→55.91	0.0	, 0.1	Mymensingh		Mymonsingh	***	791
3641	2552	0.70	0.18	0782	—b°85	87*78	66.99	~18.11	0'0	0.4	Serajgunge	0.45	Hogra and Pubi	ling.	194
3411	2011	0.17	Wil	0'54	0'84	84-06	58.41	—18°45	6'0	0.1	Ramporo Bos	real goals		**1	***
na	20163	0.10	30(1)	0.10	0.1b	38:74	\$6.49	-17-74	0.0	0.1	Dinagepore	414	Примарота	***	ting
Wal.	MG	0.00	Nil	0.19	0-15	48*70	48.49	-45-78	0.0	012	Enugpore	441	Rungares dupperse	*14	b-6 di
Mil	2663	NH :	Ni	90.00	0.06	82.52	113.89	-16.09	0.0	0.0	1 culpigores		Oppost Habar	***	104
INS)	gitz	BPFD	Q105	0/20	-0.58	118:61	182.00	-38'48	0.0	9:1	Darjesling	411	Darjasting ality	1Mote	10tm
DE 3.2	mit	1961	26(1)	0.08	-0.00	46'16	57°89	-11.91	0.0	0.0	Purnosh	{	Murth Bhantipe	Hra Hra	444
						W - 144					Mosulferpore	741		****	egs
1951	7011	NB	Nil	Orth Chara	-0.48	34.08	68'16	7:46	0.0	₽1U	Durbhugan	***		100	141
1100	Nil	MI	Nil	0.09	-0.08	61.78	43 84	-510	0.0	010	Motibuer	114	Опишратии	F hd	*11
NA NA	מוכ ר	NII	5011	34.0	-0.55	80.68	40:77	-10.5F	00	6.0	Dohree]	- Surva	484	Equ
NII	2611	29%	3811	0.22	-0.98	29.10	20103	-8.86	0.0	0.0	Bunne	}	Blanksirad	Ma	.,,
di)	}		•								Armin				
911	3611	0.01	Nu	0:27	-0.87	2774	5914	-41'88	0.0	0.1	буь	***	Gyn	464	
fta	361	Nil	NII,	0.38	-0.R5	29'00	40*\$8	-11:39	0.0	0.0	Bankipere	444	Patna	141	No.
ii	318	0.01	Nii	0.81	-0:E1	81.06	61°59	-10.64	0.0	0.1	Shagulpure	{	Mosta Mhagalpa Mosanyr	/W	HAI I
n į	MA	9.04	Nii	0*98	-0:26	83'64	48188	-15'23	0.0	6.8	Doordin	8.64	Southal Perguin		. //
142	8151	0.03	Nil	0:45	0'44	84*10	46'57	02'47	0.0		lisusetbagh		[visit .	[] [] [] []
EAL	MIL	9108	MU	0:44	-0.41	80.09	42134	-10.18	0.0	91	Renense		Marin la la	86	
111	MO	073	JR ja	0:30	-0.20	46'07	60-10	-708	8-9	0.0	(Izi,jetja qqa		diagonom		}

wild for the part ton years. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater y 10. The number denoted by 10. Under the head "district obsertable stations for the period in question during the part 12 years. The means for the "district," are the numerical averages of the rainfall returns received by is one on which at least on hundredth of an inch fell.

Statement of Rainfall in Bengul for the week ending Friday (6 p.m.), the 5th December 1884.

					R	ATUVALI	he			Tor	PAL:		Average		
			194 k	Sch er.	I.	the c	15.8	4	4	8	ă	Total rain- full from int Novem-	total rain-	Total rain-	Average rainfall
M-teoristical division.	Pitateiat.	Station.	Vaturday, 100	November.	Menday, December	Cuenday, fa	Wednesday, 3rd December.	Chursday, 4 December.	Friday, Determber	Number of	Rainfall went.	ber to 5th December 1854.	ber to 5th December.	fail aince 15th May 1884,	from 1512 May to date
HETERA	Pooree	Pooree	*****	A	948 ca c		478141	*****	10-144)	£til .	NIL	10.0	2'46 1'70	68:68 80:17	\$3160
		Banyor		*** ***	416444	## 141 ## 141	42 5 5 7		70 5 4 8 P	Nil Nil Nil	NA NA NA	0.16 0.16 9.03	9:07 3:74	91.01 90.11	58'4d 51'0a 58'4d
		Hookitels	***	I hh shu	m : E -B-4	pan 1 9 4	448191	4 = 4 = +-	EV-0 : bb	NI	NII	Nil	t t	#6*76	7
	thust make in	Jagatsingpore Banki Cuttack	+*****		p1graft1	411141	41111	411797	411100	NII NII	NII NII NII	N () 0.01 N ()	1145	8 1140 46 13 50 83	40'78 58'86
		Kendrapara	11144	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	410401	548-94 148-94	4817181	## d b P#		NH	NII NII	Nii Nii	3107 6183	66°93	58'05 58'05
	Rainmen	Chandball		8/818/	48.44			1116	787	NI	NH	200 200	1192	59198 88790	63:84
		Bornh H.	nds 190	#1 # # # # # # # # # # # # # # # # # #	418-61	44444	B: F1: B: B: B: B: B: B: B: B: B: B: B: B: B: B: B: B: B	**************************************		NII	NI	0°12	1.76	65117 67156	67 1
		Brashogirp "	*****	*****	414101	*****	44.00	-4 4- 4 · squadd		M11 M11	NH	2011	0.00	84.91 DB.91	\$3.3 \$3.3
Bond 11.	Midneyers	Contai Sauger Jaland	- +4 +++	B10.11	******	******		4 = 8 4 8 4	*45***	N ft 5 D	Nil	28 H	3101	56-63 70-64	62121
		Midnapore Ghattal	4 5 5 7 7 7 7	818181		mb b	13.720	+ + + + + + + + + + + + + + + + + + +	111111	Nil	Nil	24 T 14 T 14 H	0184 0184 0184	46:15 46:15	50°13 47°11 53°4
	14-Perguenahe	Diamond Har-	******	448141	#####/	parr.	*****	4+****	141-14	Nil	Nit	Nu	0'56	37'99 66'29	87'8
		hour, Alipers Julk Burrackpore	*****	P			*****	,		Xii	Wil	Nin	0.45	67185	54 U
		Dum-Dum Baranet	*****		417 40	1	*****	-4484b	14*4+6	NII	Nit Nit Nit	Ni Ni Ni	0'45 0'45 0'49	68'89 9 53'48 46'33	48'0 50'6 48'7
		b necessas	******		P					80	2(4)	0.08	0.22	99.23	80'1
	Hoursh	Howesh Hohestska (Oolobsetsk.)	*****	*****		*****	*****	******	P#1+10	36.11 36.11	36.17	0°01 Nii	0167 0184	46°03	58 1
	Floorbly	Hooghly	FF5-4-	#10.84 */**/**			194444		481444	Nil Nil	NII	N 11 Jo 12	0165 0148	56:78 89:23	49°0 47 a
		Jehanahad		*14.0*	4-9 41	100,000,00	+8 F+41		161111	Nil	NII	0.18	0.41	38163	66°6
	Rurdwan	Bardwan	1.0 57	Brdips and a	h	*****		- = 1 = = = = = = = = = = = = = = = = =	1417	Nii Nii Nii	Nil Nil Nil	NII	0'47	86:70 86:32 35:73	47.7 47.8
		Ransegunge	100.11	100.01	*****	*****	11.17.	****	******	Nil	Nil	N ₁	08*0	#0*04	44 6
	Haskoon ,	Indes	*****	***		*****		## h 1 #	*****	Nii Nii	NII NII NII	Nil	0.28 6 0.38	\$4.46 7 34.48	#U 0 ## 20
		Kerulpur	****** *** ·*	78116.			**************************************			Nil Nil	Nil Nil	1811	t 0°48	34'54	48'4
		Khaum	441.41				77/114	-+	181 year	Nil Nil	Nil	2011	1.09	46'25	86 0
	Heerthoom	Bb. Scory Hetatupore		-+***	######################################	1 1 1 4 4 4 1			ra141	NII	Nii Nii	Nil Nil	9EQ =	4E 184	93°5
	Nudden	dongong) 1 1 1 1 1 1 1 1 1		rudad4		La seti	-4110	191110	26 14 26 11	Nü	30	Orish	85 gu	8214
		Kishmathur Chassdanga		******	and the	10.11	484.4	14411	******	Nil Nil Nil	N11 N11 N11	NII NII	0 'U3 0 47 0 '68	39 W3 . 20 75 37 44	91,x 4/1,x
		Koonston .	1 = -4 h	-1.149	B-8111	20 4 7 F	,,,,,	+0114	441***	Nii Nii	NII	Nil Nil	0.82	84'7z 41'81	47'U
	Khoolze	Sathira	Pd- 188			*****	ph h = w -		*****	Nil	2031	Nia Una	0.63	62'47	55.6
		fichooless	441 +4		818181	4 4 1-0-	*****	44+ 11	101540	28 is 28 is	Nil	0150	0.79	05'14	90°0 34°3
	Ignopre	Narati Jeanoru Jimanadah		410 A	Abd.a.	### ## ### ##-	APRIM	777444 mp+d-bp	4 m 1 4 1 P	No.	Nii Nii	0'17 0'12 Nii	0.40 0.40	81 70L	4810 8311
		Maguerab	\$1548FB	* > = * * * * * * * * * * * * * * * * *	404194	10-17-04	7 = 4 = 400 10 1 4 00	184-44	*****	NH NH	Nil	0.15	0.40	46 SH 447ks	4817
	Monrebedated	Rampore Ham Berhampore		*****	******	100074	44+114	188008	7471-7 144 14	Nil	NII	Nii Nii	0.48	3510.4 8911.4	80°8
		Latingh	414	*** 4	44	dr4***	******	14444	447414	NII NII NU	NII NII NII	Nu Nii Nii	0.99 0.91 0.91	80.81 94.80 95.94	6113 4811 4918
		Lateus	410.00	4.1.1	and the set	00000	Marah (VIV)	487.68	pahdib badard	NII	NII	Nii Nii	0.04	36.4	4714
AST RESSAL	Coss Buest	Cox's Bass: . Chittagong		,	,.	*****	107971		*17411	Min	Nil	3161 3167	1.68	1297H5	151'8
	Chisagens	Rancamati	** EE E E	44.741	95141	100000	141400	201011	47741	NII	Na	B'41	2101	Ogran.	0.50
	Hill tracta.	Agartola	*****	*****		104000		*****	*****	Nii	NII NII	3.19	. 1'02	82'44 84'76	63 8
	Ванкацину	Patuakhally Perempore		ambigo	A11+47	svěrsk	144 1997	484.811	+01+14	Nil	NII	8.00	1'76	84'80	88°1
		Bhola	Pr.117	*****	******	titleer tileer	F saless	117148	184111	NII	Nil Nil	8'71 8'00'8	112	70°0± 87 00	30'4 80'0
	Mankholly	Nunkholly			454494	****	[PP1 dea	481849		NII	Nil Nil	8'98	1'80 3'49	97-04 98-24	110%
	*urredpere	Madazipora	**	1-1-41	.,,,,,		484.44	**1050	711114	NII	NII	1160	0'56	46'3	66'9
	Thu ex	Furrentporu.	*****	045784 474.481	411.49	******	98+ * 44 - 11 * 10	141988	14:14	NII NII	Nil	08.0	0:81 0:46	47 47 87 87	94.0
	Daros	Museumgunge Daren Namusunge		###### ######	964741	** 10 00	**************************************		11,141	NII NII NII	Nii Nii Nii	1124 0165 1105	1,18	56:74 42:44	This out
	Countie	Mainesgunge Comilia			478101	20.000	104.44	194940	0 141711	Nii	Nii Nii	6'21	63.0	45'04	49°6
	conditing 4	Chandpers	010161 111160	010791 	£10-17 110-17 110-17	#114Ph	70 441 71 441	121075	141910	Nil Nil	NII	1 85	1 20 0 90 0 93	77:04 81:30 63:40	75°0
	Mytsensingle.	Kushoregunga Atis	77.17.0	41279	1.0751	9897A7	4.4047	141.18	14+4+4 18+4+4	Nil Nil	NII Nil	0.84 N)1	0 p8	62177 95 51	71.9
		James of the state	4-8-8-8	924144	600 - p - p - p - p - p - p - p - p - p -	10-72 E+	dedbar	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	107700	NH	Nil Nil	0'29 0'88	0.40	61110 42111	67 8 70 1 66 7
	1	hatrokona	*12221	*HHI	711.i.				144119	84	Nil	0.10	p p	gami	,

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 5th December 1884—concluded.

411					1	STIMATE				To	FAU.	Man .			
Kateorological divertor.	District.	Station.	Astorday, 29th November,	Nunday, 80th	Monday, 2st Becember,	Tuesday, 2nd December.	Wednesday, Brd December.	Thursday, 4th Pecembar.	Priday, 6th December.	Number of	Rainfall of week.	Total min- full from lat Novem- ber to 5th December 1884.	Average total rain- fall from int Sovetts bur to ath December.	Total vain- fall since 1844 May 1884.	Average rpintall from 150 May to date.
HORTH BEFOR	Pabpa	Pubna Burajgungo	. Phil		0-00 hvs	*****	9 = 4 + 1 + 1	454144 mbd-da	+* lv4+	NII NII	Nil	10 H	0.04 0.04	491914 401£1	64°0 88 4
	Bogra e-	Sherpore Nowkhilla Hogra	181719	\$ \$44.40 m	9-47-80-0 	419 88 4	548 ABA	#F4 had	4	NA NA NA	NH NH NH	0:45 0:46 0:19	0100 0381 0382	87 98 80 10 87 96	61°77 85°1- 8 720
žn.	Rejsbahyn	Benuleah Natiore		244 444 244 444	147 P14		******	******	###### ######	NH	NII NII	Nu Nu Nu	0°28 0°20 0°42	39 147 33 90 30 14	53°61 55°53
	Maldali	Maldah		>=====	991110	11111	441014	******	PP4481	NII	NII	0:10 Ril	0.32	43.88	80'08
•	Dinarepore	Mahadebpers Churuman	14999	484814	*****	m d P d I b	***		6+918h	18 II 20 II	NII	Nil Nil	0.89	88'99 41'01	66'9; 49'72
		Buloorghat		400 0	40000	44174	a pa rhd ada a h B a na Pa P	+1	\$70 4 = 2 pp 4 = 2 pp 7 =	NII	NA NA Bil	NII NII NII	010	34 '04 - 87 '72	24 41 27 81
	Eungpore	Bhawam gung			******		11010-	.14110	\$15.741	NH	3(1)	Nij	01:0	48 37	687
		Runghore Kuparam Hagdogra (Astphamari	-+++=		44414	*****	4-14-	#1+1#+ #44++ #*****	\$1\$04P p.40	NII NII NII	NA NA NA	MI	0114 1724 008	86'87 48'87 48'90	76.8 74.9 90.3
	dulpigoree	Julpignree		hilbara			*****	******	m-4***	NII	29 (1	3411	6'14	101.90	1160
	Goodh Behar	Dinkatta Couch Behar, Mickingange, Masabhange,	1	44.814	40040	000 00 P	10- ch b	414144 414144 444744	110-111	NH NH NH NH	NH NH NH	NII NII NII	0°02 0°09 0°00 0°07	84.38 110.02 84.74 86.80	98:5 238:6 23:4 23:8
	Darfeellug Hill.	Buga Silligari Parpoling	101011	.g. ++4	144-14	1 0 = 10 0 1 11 00 -		1-7-11	P1014 P	NII	Nil Nil	Nii Nii	0.48	181.00	1961
		Kalimpong	0.07	*****	p p p B ha		d =+ r h	4-1161		1	0.07	0.32	. 7	64189	PAR
ORTH HERAN	Purnah	Kisamgunga Arrarosa Puruesa	.4	#41817 #48717	P#441.	111 77	*****	*** 18 *	441041	NI NI NI	Nil Nil Nil	Nat Nil Nil	0.10 0.10	65:76 61:08 46:30	60% 63% 60%
	North Bhagul.	Maddapore Scopoel		, *****		*****	4+0	· · · · · · ·	14 10 HP	NII NII	Nil Nil	Nil	0.08	37:86 99:89	45
	Datpools	Durbnangen		14-444		*11444	*****	41 481	*) [141 */**** *) *P41	NH NH	NII NII NII	3011 3011 3011	0°18 0°07 0°06	89:77 80:88 40:68	60°
	MonuSerpor	Mitamarhi Mozufierpore Hajipore		104074 71744 44414	******		### rd # #+ ##+ #+##+4		*** *** ******	NII NII	NII NII NII	Nil Nil	0.15 0.15	24.08 85.43 86.83	441 441
	Chumparun	Bettlah	1 1 1 1 1 4 1	11171	, ss 0 h h		110717	418188	### h h 4	NI	N il	Nil	0.01	44'53	41
	Barut	Gopsigungs Sewan Chaprah	891447	0 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44.549	10) 100 10 Pp. 1	- 44 A + 4 8 7 7 4 4 6 4 5 7 7 4 4	0:4541	111-17 111-17 44978*	NII NII Nii	Nil Nil Nil	18 it 18 it 18 it	0*21 U'12 U'84	20136 2선·7호	43°
orth Bunan	Shahabad	Bugar Denree		*****	11 14 14	411111	p g = d = b	hH 411	414***	Nil Nil	MII	Nil .	0'21	28 7p 31:27	87
		Businerary	hr	##4## ##### 1894##	410144	74	1004-4	44444	4)8'80 ***********************************	NII NII NII	Nil Nil Nil	NII Biji NII	61.0 67.0 69.0	24.61 24.61	91 HB 11 HB 12 HB 13 HB 15 HB
1 \$2	Gya	Anrungabad Gya Nowadah Jensushad		10711E @	14-1-4		*41 148	1 rd shd	###### ###############################	Nil Nil Nil	Nil Nil Nil	Mil Mil Dill	0.81 0.81 0.81	38 24 25 24 21 52 27 20	40°2
	Patro	Patita		441411	,41114	441140	9 17 17-4	# ## pq-g	#1 Amb1	Nil	NH	Nil	0.18	80.94	561g
		Dinapore Behar Harrh	19000	194111 195111	10 17 10 848	111111	441417	1+4 EP+ 11+4 +P1 2+4+++	\$14111 \$14111	NII NII	NII NII NII	Nii Nii Nii	0.58 0.12	16.02 18.02	60 g 80 g
	Manghyr	Begonneni Benahye Jumsi	103410	#11011 111111	1	449444 841444 Addmin	44444	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	949411	Nil Nil Nil	NA NA NA	Mii Mii Nii	0.10 0.10 98 0	25 30 31 30 26 70	8516 96 1 4414
	South Bhagair	Bhagatpore	1 Identity	400 161	101010	.,	441111	#184P#	br4=41 079485	Nii Nii	Nil Nil	Nil Di	0133 014	26'68	43°;
	southal Per-	Rajmental	1-11111	411111	191711	11441-	*****	#14111 #19	411141	NII	Nil	Sil	0°20 0 f6 0°17	35'47 26'31 34'92	481 481
		Nys Doomks Dergout Januar		# # # # # # # # # # # # # # # # # # #	****** ****** ******	41111	**************************************	######################################	1+0,04 141744 110-44	NII NII NII	nn Ni Ni Ni	Nil Nil Nil	0.20 0.18 0.20	30.80 31.11 47.13	45°
BUTIA NAH-	Hamerbagh	Pachamba Hasarrough Somegorah	4 44444		10,147 11,044 19,74		## 101 ## 101	######################################	04v.e- v-p	NII NII	Nil Nil Nil	Nil Nil Nil	0.49 0.49	28'00 38'00 18'00	40° 44° 40°
	Lobardunga	Lohardugga.	4 4447	99444	>75.55 +75.55 +45.5+7	4+1 MP0	******	marti quant	100 mm m m m m m m m m m m m m m m m m m	NA NA NA	NH NH NH	NA NA NA	0.40	40:44 16:44	48 ·
		Palamow -	7 10 0 0 0		111711		Blutut	2+1 (64	******	Bil	IN LL	10.11	0'50	29197	41.1
	zingbkoom ".	Chyebasm .		14***	# 11× 10× 1	1		410101		NR NR	MIT	N SI	0.30	64°07 38°20	511
	Nanbasom	Cobmapore.		44444	544.11		64444	814189		Nil	NII	Na	0.57	20,19	45) ; #U ;

Replanation .- indicates that no rain has fallen. If the resure for any day has not supplied to the control of the part of the resure are left blank.

SUMMARY OF THE METEOROLOGICAL AND BAINFALL OBSERVATIONS - TAKEN IN BENGAL DURING THE WEEK ENDING THE 5TH DECEMBER 1884.

The past week has been characterized by unusually high pressure, and low temperature over the whole Province. The general atmospheric conditions which have obtained since the termination of the rains were present in a slightly stronger form during the past week than hitherto. Pressure was high at the commencement of the week and above the average. It increased slowly and steadily until the 2nd or 3rd, when it was abnormally high, and nearly two-tenths of an inch above the normal pressure of the week. The cold-weather winds have hence been unusually steady for some time, and the air considerably drier than the normal. Hence the temperature is also considerably below the average. The reduction of temperature is shown to the greatest extent in the night temperature, which has at several stations been from 5° to 5° during the week below the normal minimum temperature of the season. The mean temperature of the week was 3° below the normal in South-West Bengal, 3½° in Chutia Nagpur and North Behar, 4° in South Behar and East Bengal, and 4½° in Orisea. Skies have been clear throughout the week in the Province.

Pressure was above the average at the beginning of the week and increased steadily until the 2nd or 3rd, when it was from '15" (at the stations on the sea-board) to '23" (in North Behar) above the normal pressure of the period. This accumulation of pressure is

due to the continued unusually low temperature.

Temperature was marked by the same features as during the previous week, the only difference being that the deficiency is somewhat greater than it was for the preceding week. The following table gives the normal and actual mean maximum and minimum temperatures at eight stations, and illustrates clearly the temperature variations of the past week:—

				MARINUM DA	KR.		Minimum 2 Paga:		
				Normal average for week.	Actual average of work,	Deficiency.	Normal average for work,	Actual aversue of week,	Delleiancy
Cuttack	640	100	449	93.7	820		62:3	55'8	70
Calentia		***	411	78-7	76.4	2.3	60 2	57:1	3.1
Burdwan Jessore	***	449	841	80·8	77.5 78.0	2 6 2 8	58°6 58·1	55·8 53 9	8·0 4·2
I)neca	111	146	417	80-5	75'0	2.5	60-4	55.5	4-9
Patna		A 14		77.6	74-0 77:8	3.6	52-0 53-8	51·5 47·8	6.2
Purnesh Hazaribagh	***		5 6 4	784 744	70.7	37	53.3	49 6	3-6

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 5th December 1884:—

				9	THE REAL PROPERTY.	LATUR	E.					E	CA EN IFA	EL.				
			y week.	West.	Avers	pot tor	wysk.	k above or of week.	4	Oil West	h.	, IBA	dny du	ys.	Bince Nove		Bino	e 186a lay.
Harbororog Thanking			Rightst observed ditrials	Lowest observed during	Of highest of each day.	Of lowest of mach day.	(N' meun for each day,	Average merical mean of	A Persitte.	Normal average,	Variation,	week.	Normal average pum-	Tarintion.	А Фетадо.	Normal average.	A Formitte.	Mornis a rorage.
Orana	 .		63'8	45114	78'1	84'8	66.9	-0.6	Nis	0.37	-0127	0.0	0'8	-0.9	0.08	8160	01.70	18.00
South-West Benga	ů.	***	70%	61.3	77-1	56'6	60.2	-2.0	2011	0.10	-0'16	Ü+e	0.2	-0.2	0,004	0555	44'61	51190
Last Bengai	164	papa	871.61	90.D ₀	77-7*	09.50	60:4*	618	Mil	0.55	-0-22	0.0	0.0	0.2	2-21	1106	05/30	75:09
North Bengul	L (Fa)		80'11	48'81	77°3†	52 -9 8	04:54	_	NII	0115	-0.00	816	0.7	- 01	0.04	0,44	03/15	7::00
North Behar	***	111	79/3	45°B	7019	4916	027	-874	NII	Nil	8.0	6*6	0.0	-0	NII	949	985.27	47 14
emits Bunge	vild		77:4	647	24'8	4014	d3.1	-8'8	Nil	0.05	-0.94	0.0	0.1	-0.1	20/81	0*25	30 37	69784
Chutie Nagpur	10-1	0.07	71.93	40'45	20192	40-82	60'32	8'0+	2841	0°08	-0°06	0.0	0.3	-0.1	Nil	6141	34140	67186

Barries not included.
 Rampure Rocatkan not included.
 Chysbana not included.

METEOROLOGICAL OFFICE, BENGAL;

JOHN ELIOT,"

The oth Occember 1584.

Meteorological Reporter to the Goot, of Bengal,

Results of the Meteorological Observations taken at the Alipore Observatory from 30th November to 6th December 1884.

	1		bright	buremoder	T		ATURU,		1	HTORON	MÉRY.		WIED.				_
Month.	Date.	Mariague is 150.	Number of hours of a	Man presents bure at 58' Fahr,	Mean,	Maximum,	Range,	Minimum.	Mong wet bulb.	Vepour tension.	Dew point	Humidity.	Prevailing direction.	Miles recorded	Rais,	Whaten	
1884.		0		Inches.	0	0	0	0	0	Inches	0	·/.			(achu.		
Nov.	Bûzh	129'4	8.0	80.056	61.8	76.8	20.3	65-1	59.5	0.444	65-0	74	N by W and N by E	88	N.L	Chiefy ole	i ilur,
Dec.	lub	183-9	9.6	1078	65-9	78-4	18:1	68'8	80.7	*465	58-0	74	N by E and NNE	98	#>	Chiefly cle	0GT,
19	bag	181.2	9-5	184	66-3	76-6	18-6	49.1	60.4	*450	5810	71	N by W and NNE	215	82	Chiefly che	0637,
	ard	128-9	8.8	119	66-1	70 6	18.0	68-6	59-7	430	54-8	88	N and NNE	131	åı	Chiefly olear.	
-	4th	126-5	2.5	1090	64'8	75.4	18-1	57:8	68.8	*410	58 4	68	N and NNE	113	н	Clear, 🖎	
"	5¢h	126.0	8-8	4389	64.2	75'4	18.4	57.0	58.9	1487	64.6	72	Namd N yW	103	g ₁	Chieffy cle	eLT,
to	6th	128-7	9.8	'088	63.7	780	30.3	55-9	68-1	418	69.6	70	N by W and NNW	101	31	Clear, .C	
	The The The	average total i	numb	er of b	ours ours	of bri	espon ght s f hou	unshi rs of	ne		24 ye	Bru,	S. G.'s Office		8	0·092 0·014 Hours. 37·9	1
	The	averaş extrer	ge tec ne va	erature operature restion tempera	re of of te	the c	orres	oondi	ng pe	riod fo	or 24	yea	rs, S. G.'s Office		2	5·2 0 3 1·5 6 6	
				city of		wind	in one	hou	г			***	10rs			ilm. 10	
	mts.					A			£							Boa,	
	The The The	mean averag total f	relati e rela all of e fall	rain fi	nidity umidit rom 8	oy of	the co	rresponder to	ondin o 6th	Dece 24 yea	mber	188	years, S G.'s O		 In N	measureable 7/2 71 71 6hm. il	e
and i	The afrom	averag meau observ	e fall pressi ation	ire, ten s made nd mir	corre perat at 6l	espond ture, d i., 101	ding p cc., a , 16h perat	eriod ro dec , and urcs a	for 2 luced 22h. re o	4 year from btsine	the d	trac	s Office es of the Barogra self-registering t standard construc	herm	nd Th	19 ermograph	le

Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet

above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No so formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the

Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

<u>~</u> de₩.

HENRY F. BLANFORD. Meteorological deporter to the Government of India.

METHOROLOGICAL OFFICE, INDIA; Culculta, the 8th December 1884.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of November 1884.

•			
	inches.	Date. E	our,
The mean pressure of the month	29.963		
The average pressure of November from 24 years' registers	29.970		
The history was in the wanth	30.132	29th :	loh.
	29.749		
The lowest pressure in the month		7.86	l6h.
The range of pressure	0.383		
The total number of hours of bright sunshine during the month	269·0		
The maximum possible number of hours of sunshine	8.008		
	000		
The mean temperature of the month	69.8		
The average temperature of November from 24 years' registers	74'8		
The highest temperature in the month	85:3	2nd	
The lowest temperature in the month	54.8	29th	
The range of temperature during the month	30.5		
The mean daily range of temperature	17.5		
The market reason of temperature in one dev	22.4	22nd	
The greatest range of temperature in one day	-14-2	THE PARTY OF	
	Per cent.		
The mean humidity of the month	73		
The average humidity of November from 24 years' registers	72	r	
	Inches.		
The mean vapour tension of the month	0.523		
The average vapour tension of November from 9 years' registers	0.616		
The mean cloud proportion of the month	2.38		
The average cloud proportion of November from 7 years' registers	2 40		
The total rainfall of the month	0.01		
The total rainfall indicated by a Beckley's self-registering	0 02		
rain-gange (mouth of the gange 50.5 feet above the ground)	0.01		
The average fall of November from 48 years' registers	0:65		
The greatest fall in 24 hours	0.01	lst	
	Days.		
The number of rainy days in the month	1		
The average number of rainy days in November from 24 years'			
registers	2	46	
- 1275 for Assessment of Assessment 1275 for A	0		
The mean maximum equilibrium temperature of solar radiation	7 00 W		1000
during the month	133.7		- AMET
The mean difference of sun and air temperatures	54-1		
The greatest sun temperature	144.7	2nd	
The greatest excess of sun over air temperature	61.5	10th	
The mean temperature of the nocturnal radiation thermometer			
on woollen cloth	49.2		
The mean depression of the nocturnal radiation thermometer	10 2		
below the minimum air temperature at 4 feet above the			
	10.0		
ground	12.9		
The greatest depression of the nocturnal radiation thermometer		dad A acc	
below the minimum air temperature	15.4	18th & 24th	•
	Miles,		
The mean movement of the wind per day	83.0		
my the second of the mind in one day	157.0	16th	
Who were the second of the wind in one hour	191.0	AOUL	
	- 4		
The number of hours with winds from each of the 8 points—			

N. 210, NE. 32, E. 0, SE. 0, S. 0, SW. 0, W. 1, NW. 187, Calm 48.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore 003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 1.6 lower; and finally, the thermometer, which has furnished the record of temperature at the Surveyor-General's Office during the last 20 years and upwards, is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

Note.—As a new anemograph was being put up, the records of 242 hours are deficient.

MUTROROLOGICAL OFFICE, INDIA; Calcutta, the 8th December 1884.

HENRY F. BLANFORD, Meteorological Reporter to the Govt. of India.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 30th November to 6th December 1884.

						TEMPERA	ATUBE,			Hr	GROMETET.		
	Монти.		Data.		Mean,	Maximud.	Range.	Minimum,	Mean wet bulb.	Vapour tension.	Dew Point	Humidit.	Rain
					0	D	o	0	۰	Inches.	0	74	Inches
4	November December	981 - 881 - 881 -	Both 1st 2nd 3rd 4th 4th 6th	####	60.0 67.6 67.3 67.0 68.1 66.1	77:1 78:4 78:1 77:4 76:1 78:7 76:9	21.7 21.0 21.2 20.5 19.0 20.0	55 4 57 4 56 9 56 5 56 7 55 1	61:4 61:9 61:8 61:3 69:8 60:0 60:1	478 479 474 405 431 438 463	57:3 57:8 67:4 67:0 64:8 53:3 06:3	71 71 70 67 69 73	Nil

The mean temperature of the seven days

The extreme variation of temperature

The maximum temperature

The mean relative humidity

The mean relative humidity

...

66.5

23.3

78.4

7.0

1.5

7.0

The total fall of rain from 30th November to 6th December 1884 ... Nil

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h and
minimum readings a correction dependent on the range, and derived from the hearly observations
at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA; Calcutta, the 8th December 1884.

H. F. BLANFORD.

Meteorological Reporter to the Goot. of India.

Abstract of the results of the Thermometric Observations taken at the Meteorological Office, Chowringhee, in the month of November 1884.

¢a-				0	Date.
The mean temperature during the month			***	70.8	
The highest temperature during the month		***		83.8	2nd, & 3rd.
The lowest temperature during the month		***	441	54.9	24th
The range of temperature during the mon		844	***	28.9	
The mean daily range of temperature during			g	17.7	
The greatest range of temperature in one da	y during t	he month	441	24.0	24th
				10	
The mean humidity during the month		***		70	
				Inches.	
The mean vapour tension during the mont	in .	y m- b	4 8 4	1534	
The total rainfall of the month	384	484	486	Nil.	
The greatest fall in 24 hours	***		***	Nil.	
				Days.	
The number of rainy days in the month	***	***	***	Nil.	

HENRY F. BLANFORD,

Meteorological Reporter to the Govt. of India.

Markonological Office, India; Calcutta, the 8th December 1884.

MEMORANDA.

The first class Municipalities in Bengal returned, during the week ending 22nd November 1884, the birth and death-rates of 29.4 and 30.6 per 1,000 of population, respectively, as opposed to 26.7 and 37.2 per 1,000, respectively, in the preceding week ending 15th November, indicating a fair advance in the registration of both events.

2. The Municipalities which exhibit the highest results in birth and death registration

40.70		
26.7	744	,

	3	Births.				Deaths.			
				Ratio per milla.				1	Batic per milie.
Howrah Mezufferpore Bhagulpore Serampore Burdwan Beauleah Durbhanga Gya Poori Hughli	100 100 100 100 100 100 100 100 100 100		**** *** *** *** *** *** ***	### ##################################	Poori Dacea Santipore Santipore Santipore Santipore Ranaghat Naraingung Serampore Kishnaghur Burdwan Howrah Bhegulpore Mozufferpor Patna Gya Midnapore	***	000 001 001 001 001 000 000 000	100 mm mm mm mm mm mm mm mm mm mm mm mm m	mille. 68 5 68 5 61 3 54 4 54 0 68 9 49 7 47 7 47 1 88 7 87 1 88 1 88 2 89 6
					Hughli Jessoro	***	401	491	30-9 30-6

3. The mean mortality from the different death-causes, mentioned in the appended table, in comparison with the mortality from the same causes in the preceding week, stood as follows :-

				Ratio	per millo during	the weeks ending-
				Stnd :	November 1884.	16th November 1864.
Cholera			***	4 4 8	8.8	4.0
Small-pox	0.7.1	P + W	***	n e n	•2	·2
Fever	***	***		914	18.6	189
Bowel-complaints		0.10	***	***	6.1	4.8
Injury	***	0.49	0 + 0	94.0	16	14
Other causes	* * *	199	1 +4	1 9 9	10.3	8.0

The only noticeable point deducible from the above figures is that there was a sensible increase in fatal results from bowel-complaints and the diseases classed under the head of "Other

4. Excluding small-pox and injury, the mertality from which was nowhere high, the rest of the diseases proved most fatal to life in the Municipalities named below:—

Cholora.		Food	P		Bowel-cor	nplain	ts.	Other Can	MOR.
	Ratio par milla.			Ratio per mille,			tlo per ullle.		Entio per milie.
Naraingani Serampore Dacca Poori Mozufferpore	18·0 8·6 . 6·1 . 5·0 4 4·8	Santipore Ranaghar Kishnaghar Jessore Dacca Suburhs of cutta. Burdwan Purneah	Cal-	66·1 47·9 32·2 80·6 27·3 26·7 24·4 24·2	Serampore Suburbs of cuita.	Cal-	11.8 10.5	Poori Bhagalpore Dacca Fatna Saburbs of cutta. Burdwan	40-7 19-9 18-7 18-3 Cal- 12-0 10-7

5. The mortality referable to Sev, Class and Age, stands as noted below: -

According to S	ca.	Accordin	g to Clas	z,		Acco	rding	10 1	dge	
Males Pemales Batio of male death to every 100 female deaths	39.4	Christians Hindus Mahomedans Other classes	P	Batio or mille. 89·1 89·5 40·2 86·4	Under 1 and 5 10 15 20 80 40 50 60 year	und	20 80 40 60	82 83 82 82 83 83 86 81	***	Batto per mille. 805:3 4:-3 28:6 21:8 23:0 26:7 24:6 26:0 62:4 102:7

R. Ladderdale, M.D., Deputy Surgeon-General, Sanitary Commissioner for Bengal.

The 8th December 1884.

						4	2		aths,						,		gib	900	1911	_	100	200	-	1/2			10			4	-
22			ot liftac	Ratio of male de	哲	SET	*		Vo female deaths	213	711	27.1	1	931	901		128	3,160	93	250	88	Sul	2552	15	80	7.1	OR OR	140	135	38	114
		Sex.	TAR OF THE TIOS	Pemalus,	0.02	1.5	P.59	1 00 p	> :	1.01	7	2 1	1 1	9 7 6	- 40 00 00	1	0.49	1973	21.0	6.6	53.4	p. 12	610	51. 21	39.60	4.22	34.3	1.7	00	MO -30 4%	T Z
11		80	BATTO TRI LOGGER POPULATIO	Maico.	91	6.95	0-61		7.75	60	50.00	ė 1	_	23.2			117	91	5.5	31.9	33.5	240	9.25	63,27	91	Lot	357 3	当時か	9,86	100	6.62
				- Kentheria	2	0	¥	F=	-		-	, T	- 5			-	54	-	D4	21	12	85	10	92	21	t-	=======================================	101	F7	275	809
07			Datre.	.anlatt	12	10	Į»	17	άν	2ª	26	-(h)	٠ .	g 67	10	-	150	=======================================	11	ıů	19	함	in the	23	-	10	24	300	NIN	2	600
on or			m mnu	Tog siftsoh to citak s aug nollslungog Jesw spolveng edt	92.9	60 24 87	80.7	75	- G	9.02	01	20.00	0 00	0.67	1,32	1975	61.3	40.0	1.50	11.0	8-66	91 52 86	20	P.18	1.94	1-1 71	- 1 - 4 - 90	0.01	0.19	20.0	21 17
	TO-		- H	All certach.	- La	30 - N	30.8	1.11	15.0	30.0	+	0 0	P-12	HH	8 I	-	1 89	1.64	6/12	0.12	33.0	95 84 80	15.8	1.46	100	4-1	2- 2- 27	12.00		9.99	D. 68
•	PIRE		6-i	antennoth and ()	10.7	in hy	#-6	90	;	Ç. (0.21	T 0	2 7	,	(F)	ş	I'm	+ 21	24 142	;	13.3	9.0	3.6	96	13.3	70 10	19.8	9.6	1	1.05	63.0
	ACCORDING		PULLT	Injury.	:	5	1.3	:	1	0.1	n .	:	;		ī	:	;	:	하		9.1	į	7	:	÷	:	;	1		- P	P
60			OF POPULATION	istaisiquino-lawoil	6.1	1-	9.6	11.6	F.	2.5	9.2	:	1	: :	-;	ŧ	4.5	97	19	17	1.1	ig Le		62 14	9.9	į	163 163	63	:	43	9
-	MORTALITY		1,000	Fevera.	-F	8.0	17.4	11.3	0.9	6.67	1	21 0	1 5	31.5	i.	1	40.47	es de	4.9	the state of	9.57	125	9.4	15.8	13.4	45 Ma	16:5	8.11	60 60 54	90 98	\$
	360	4	10 F25	- Band-lines	9.	:	÷	,	:	1	5-II	:	:		4-1-4-	1	70	:	;	:	ŧ	:	1	:		1	:		ŧ	I	Ğ0
		Diseare	RATTO	Cholem.	:	1.5	:	15.1	-	6	90				î	1	12.0	202	10.65	E	27	;	21	1.0	io Ci	ī	90	;	;	9.0	90
				Askino III.	43	71	81	10 mg/m	64	7- 4	E S	51 2	h 6	10	10	1	10	12	62	1%	113	34	3	g.	350	,21	Ŧ	6	Pan.	72	1,068
				appropriate martist	6-	~	Pin	40	:	19	5 3	ko =	- 81	;		1	17.0	0,31	-	:	7	Ξ	92	4	助	a	81	*	*	10	282
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es .		POPULATION		Femalen	16,017	16,630	16,539	12,937	2,403	44,630	20.00	11,211	4,603	19,0,0 3,097	0,005	2,347	37.379	4,906	9,700	5,353	P1,175	37,831	報告報	39,039	27	27,245	25.图3	28°28	6,553	11,263	d19,410
		£		nomig	14,763	16,927	19,179	13,659	3,648		147.905	13,263	4,003	16,703	19,766	6,020		1,605	13,310	1501'6	The state of the s	38,290	190'08	23,084	80,774	140,04	22,640	151,32	8,448	13,657	702,470
			TOTAL TOTAL		,		urah .	1	=	;	4.7		3	1	: ,			*	:	1	:	1	i i	:	1	1			A		123
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B 694	335	1-00-1	7.04	F	\$6.4	17.6 83	#¶	Ģ	44 13	0 108	8	D6	1530	2002	40.3	9.5%	51.3	P 63	5.03	240	0.03	7.00

Sanitary Commissioner for Rengal

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 29th November 1884 on 1,509 miles ones.

	COADITE	o TRAPE	io.	Marchard	RANE!		FRAL	Other ea	rning	Total sarrita		TRAPPIC	TRAIN-MEL	re nes.
	Number of passengers.	Conch		Weight carri	ed.	Roceip	in,	(estima	nted).	10000	0,11,	Conclume.	Herchan-	Cotal.
		Ro.	A. 2.	Hds.	6.	R4.	Å, P.	Ret.	A, P	Rs. A.	y,			
Total traffic for the week	296,473	9,42,187 160	8 0 0 7	21,07,948	20	6,12,521 406		16,901				64,263}	98,413	102,700\$
For previous 21 works, of helf-	4,208,271	49,17,651	0 0	8,87,05,953	0 1	99,04,476	1 (3,13.662	7 1	2,45,96,011 8	3 1	1.208,105}	1,765,334]	3,061,4034
* Total for 22 weeks	6,494,743	41,6D,965	8 0	4,69,13,901	10 8	9,76,990	18 (3,20,664	2 1	12,54,60,682 0	6	1,362,410}	1,801,7601	3,224,1186
Compagison.														
Solal for corresponding week	100,230	2,78,655	10 11	25,69,716	0	6,90,751	12 0	17,088	13 7	9,82,090 5	0	GG,52A	110,409	189,907
Per mite of railway currespond-	41017	186	10 7	*****		461	7 1	11	11 7	657 7	8	1044++		-41
Total to corresponding data of previous year	4,837,222}	60,41,688	15 8	5,22,03,330	0 1.5	6,90,000	13 1	3,13,860	2 9	1,90,44,097 15	(5	1,390,403	2,761,764	4,154,247

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPT	DECEMBER IS	ENDING		TE FOR WERK			LERCEIPTE FEG 1863 TO 197 10 DER 1883.			L RECEIPTS FEE 1884 TO SUTH MER 1884.		Total increase	Total decre see
Moun milespa worked.	Receipts.	Per mile worked.	Minus Biliotage promodel	Recoipts.		Menn milauge worken.	Total receipts.		Mean mileage worked	Total receipts.	Per take worked.	из 1884.	ta 1984.
1,540	Re. 9,02,006	Es. 657	1,500k	Ra. 8,70,631	Bu.	2,500	. Ra. 3,31,50,597	Rs. 21,975	1,500%.	Bs. 2,70,94,201	Ra. 17,940	Ba.	Rs. 60,35,300

EASTERN BENGAL STATE BAILWAY.

Approximate Return of Traffic for week ended 22nd November 1884, on 350 miles open, including Calcutta and South-Eastern and
Bengal Contrat Railway mileage.

	Coachis	d Trays	IC.		MBECHANDIS TRA	E AN		2841	Oth	or eni			tel		TRAFFIC	THAIN-MIL	RF RUE.
	Number of passengers.	Coarti			Weinlit enried.		Receip	ots.		क्षमा-р व्यक्त-प्र		6821			Conching.	Merchan- disc.	Total.
		Ra.	Ā.	g.	Man. s.		Ra.	. P.	1	in, A	. P	Rs.	A.	p.]			
A Total traffic for the week	80,R74 #25	37,265 10 a			3,64.777 G 1,018 0		3,118	0 0 0 0		400	0 9		0		23,056	0,884	29,990
For previous 20 weeks of hulf-	1,677,683	0,00,086	0	0	63,79,156 0	18,6	1,252	0 0	1,65	410	0 ι	23,08,61	0	0	S81,630	223,274	477,804
Total for 21 works	1,758,007	7,07,251	0	0	60,43,089 0	16,3	14,765	0 0	1,77	ALO.	Q 1	25,19,42	0	٥	275,583	202,188	507,736
Companison,		_							}								
B Total for curresponding wook of previous year	80,476	41,439	0	0	2,86,709 0		3,637	0 0		,376	0 0	1,63,34	0	0	9.675	8,370	17.943
Per impe at rulway correspond-	208	157	8	0	1,980 0		304	0 0		44		84	0	0	84++81	Bq0 =q p	10-1 8-1
Total to corresponding date of previous year	1,503,917	7,41,911	0	0	00,94,219 0	12,5	6,833	0 0	2,10	,830	0 (22,10,00	5 0	0	203,498	170,717	370,106

A.—Includes receipts of Calcutta and South-Eastern Rullway, and no per cent. of receipts of Hougal Central Railway, viz., its. 5,318 and its. 5,300 respectively apportuned over the several holds of lands.

B.—Includes share of Bengal Central featuring receipts due to Eastern Bengal state Railway for working, viz. its. 1,287, and Calcutta and South-Eastern receipts its. 5,035.

FINANCIAL YEAR.

Approximate Statement of gress receipts of the Eastern Rengal State Railway.

	7														
	RECEIP ESTI	TS FOR WEEK !	883. u		TE POR WEEK NOVEMBER 1		A.I	LECTIOTA PROPERT 1883 TO 14T NOVEMBER 1883	R	A1	L ERCRIPTO POL PELL 1884 TO E2 NOVEMBER 1684	T D	Total increase in	Total décreuse in	
- Lander	Mesn milesgo Worked.	Receipts.	Por	Monn milespas worked.	Recaipta,	Per mile warked.	Menn nulease worked.	Total recolpts.	Par mile worked.	Mean unleage worked	Total receipts.	Per mile worked.	1554.	1886.	
		Rs.	Ra.		Rs.	Ra.		Rs.	Ke.		ika.	Est.	Ra.	Rs.	ŵ
	\$43	1,03,851	393	\$1/9*	1,22,778	342	243	\$4,07,190	14,762	354	35,54,80g	10,617	1.20,679	a second ²⁵	

*Increase in mileaga.

artern Bengal State Railway Bengal Central Railway ... Bi

, Total ... 90

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 23nd November 1884 on 126 Miles open.

	Содента	o Theffi	c.		Managara Sin	ents RAP	AND MEN			Other en	enie	1001	Total car		7	TRAPPIC	TRAIN-MIL	ts nes.
	Kumber of processors.	Coachi		V	A'elghtener	eed.	Reveir			(+ulius	ted].	Total car	This	rlkar.	Conching	Merchan- disc.	Total.
		Ba.	A. P		Bids.	1.	Bs.	Ă.	p.	Rs.	ă,	P.	Ba.	À.	r.			
Total traffic for the week	16,412 146	7,124 56	0 0		17,101 138		1,533 12		0		0		9,721 69		D D	6,551	9,174	4,890
For previous 20 weeks of half-	352,660	1,48,109	D (D	2,00,410	D	10,100	0	0	973	-0	U.	1,02,151	0	0	60,876	24,745	85,821
Total for 21 weeks	371,572	1,40,235	0 (9,35,5kl	()	20,012	Ų	0	997	Q	0	1,70,872	0	D	67,430	22,871	160,001
Comparison.																	9.	T
Total for corresponding wook of previous year. Per mile of milway correspond-	11,011	2,048	0 (1	15,523	D	447	0	6	59	0	6	2,574	0	0	DCC-	843	1,848
ong period of a permusyour	815	60	0 ()	438	0	18	0	0	2	0	0	74	0	0	451945	******	++ + + + + + + + + + + + + + + + + + + +
Tetal to corresponding date of previous year	205,780	86,789	0 0	1	8,01,633	0	7,916	0	0	610	n	Û	45,214	0	0	18,089	0,452	25,010

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

	NOVEMBER			TO FOR WERE :	lh84,	APRIL	Receipts The 1883 to Situ Dig 1883,	M IST NOVEM-		BER 1934.		Total increase	Total decrease
Menn Imigmer worked.	Receipts,	Per mile worked.	Mean milenze worker	Receipts.	Per uile worked,	Mean milcage waskod.	Total receipts.		Many milesgo worked.	Total receipts.	Per mile worked.	In 2564.	jų 1586.
	Ra.	Ra.		Rs.	Rn.		Re.	Bu.		Ra.	Rs.	Re.	Ra.
3.5	2,576	74	1.58	B.721	60	25	73,056	3,113	125	3,07,430	2,450	2,33,476	****

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 29th November 1881 on 574 miles open.

	Coachino	PRAPE	Ç,	MERCHAN	DISE.		ECAL	Otheren	ron å ro er w	Total	TEAPPLE	THATN-MIL	ks airs.
	leumbar of passengers.	Coachi		Weight carried.		Receip	tn,	(Ostinos		OPERTURES.	Conching.	Mercina.	Total.
		Re.	A, P.	Mos	. B-	Ra.	4. F.	Eta.	the Fa	Bd. A. P			
total traffic for the week	9,410	5,003 87	14 0	47,353 824		3,2:7 55	7 D 5 10		10 0 0 8	8,205 15 1 144 0		293	2,394
or payrious 21 weeks of half-	289,467*	034,00,1	1 0°	9,29,408	1932	64,541	13 37	1,1909	10 67	2,35,020 8	36,314	80,4703	66,783
(Total for 22 weeks	294,877	1,73,477	15 0	9,75,061	140	67,800	b 0	8,040	6 6	2,43,516 6 (88,1261	31,052}	69,370
COMPARISON.													· Cor
neal for corresponding work					!			'					9
of previous year	0,"501	4,955	n n	39,314	20	8,056	8 0	59	9 0	F,472 10 1	1,696	6D8	7,50 6
ing week of providing your	153	76	2 3	Gal	0	6.3	6 11	1	0.11	130 10	, m.,	4401-1	
ntal to corresponding date of a	247,507	1,30,983	5 0	7,57,666	30	52,885	7 0"	1,005	1 0	1,86,476 13	40,245	13,050	55,501

^{*} Address number of parameters 4.250 and deducted Rs. 2.493 an account of differences between the Approximate and Audited Returns to work anded let Nov. 198
2 Address Rs. 29-10, and Rs. 239-5-3
on account of ditto
ditto
to ditto.

Approximate Statement of gross receipts of the Paina and Gya State Railway, prepared in accordance with Public Works
Department Circular No. XXI, Railway, duted 23rd July 1883.

				CRITTO FOR WEEK ENDING 2011 NOVEMBER 1854.			April 1883 to 182 December 1883.			RECEIPTA PRO MIL 1844 TO MP OVERMER 1881.	Total		
Meso milese marked	Receipts.	Fer mile worked,	Mean intlense worked.	Receipts.	worked.	Mean militaka prorkoda	Total receipts.	Per mile worked.	Mean	Total receipts.	Per Billo worked.	indeene in link,	do in
5	Be.	Ra.		Re.	Ro.		Ba.	124.		Elst,	Rs.	Re.	Ra.
#23	2,478	151	571	6,199	146	671	8.04,500	5,318	075	#,06,613	0,988	· 52,G13	w-4+14

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 29th November 1884 on 745 miles open.

	Coactive Traypic.			MERCHANDINE . THAT		1	Other sarnings		Total earnings			TRAFFIC TRAIN-MILES MUS.			
	Number of passessers.	Conchi		Weight carried.	Becoipts.	-	(ostimat	ed).	-				Coaching.	Morehan-	Total,
		Bu.	A. T.	Mos. s.	Re. A. P.	Ì	Rs.	A. 1	r.	Ra.	A. 1	r.			
Total traffic for the week Or per mile of railway Por pravious 21 weeks of half-	9,400	6,347 87	0 Q	84,974 0	3,819 0 D	- 6	116	6 8 1		7,075 103			601	1,1612	1,645
year	F0,348*	72,979	10 0'	10,24,172 301	48,674 7 81	†	3,128	7	91	1,23,681	9	0	13,4511	19,7514	38.1828
Total for 33 weeks	94,767	77,227	B 0	10,78,440 30	61,886 7 8		2,244	11	9	1,31,368	4	0	14,3134	20,915	80,020
Fotal for corresponding week of previous year	4,988 k	3,753			B\$400 4 0		144			7,877			87.B	1,186	1,651
rotal to corresponding date of provious year	P9,041	78,936		2,23,461 10	46 15 6 51,477 19 0		2,714	.6		1,81,418	10	-	13,840	10,818	23,096

*Added number of passengers 25t and deducted its. 1,075 on account of differences between the Approximate and Andited Between to week ended its New 1886.

† Added Ma. 23,438-30 and Rs. 562-1

† Added Rs. 91-14-6

en account of ditto ditto to ditto.

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WERE ENDING 187 DECPMBER 1865. 2971 NOVEMBER 1					ENDING 984.	TOTAL RECEIPTS FROM 18T APRIL 1883 TO 18T DECRMBER 1883,				1. RECEIPTS FEC PRIL 1884 TO 28 NOVEMBER 1884	Total	Total decresses in	
Mesn mileare worked.	Receipts.		Menn milean worked.	Receipta.		Menn milesso worked.	Total receipts.	For mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Increase in 1684.	1884.
	Ra.	Ma.		Ru.	Ra,		Ro.	Ra.		Ra.	Ra.	Ba.	Re.
740	7,877	39	763	7,676	303	741	9.17,050	9,912	74)	2,29,606	3,068	19,546	411104

GHAZIPUR-DILDARNAGAR STATE BAILWAY.

Approximate Return of Traffic for week ended 29th November 1884, on 12 miles open.

14.	Содсигио	Traffic.	MERCHANDISE A		Other earnings	Total	TRAPPIO TRAIS-MILES BUS.			
184	Number of passengers.	Conching receipts.	Weight carried,	Receipts.	(catimated).	earnings,	Coaching.	Mei chan-	Total.	
		E6. 4. 2.	36 28. H.	Re. A. P.	Rs. A. P.	Ha. A. P.				
Total traffic for the week Or per mile of railway For previous 21 weeks of half-	1,327	421 5 0 38 1 9	17,920 20	478 6 0 39 7 8	25 4 0 9 1 8	910 15 0 76 10 7		1106	320	
Series of the state of the stat	48,864*	7,905 11 00	1,80,268 01	4,280 8 01	865 U 63	19,840 14 6	6,559	2,478	7-117	
Total for 22 weeks Comparison.	46, 191	8,417 0 0	2,16,102 20	4,768 0 0	590 4 G	13,71/0 13 - 0	4,748}	\$.697\d	7,440	
Total for corresponding week of previous year For mile of milway correspond-	9,341	612 6 B	16,086 10	474 0 0	40 14 0	985 2 8	100	161	2.50	
Total to corresponding date of previous year	46,571	84 5 10 8,179 1 1	2,55,438 3v	89 8 0 8,807 19 0	8 14 6 554 10 0	77 £8 4	7	2,664	7,31	

* Added number of passengers 820 and deducted fis. 125 on account of differences between the Approximate and Andred Returns to week ended 1st November tests

† Added number of passengers 820 and deducted fis. 125 on account of differences between the Approximate and Andred Returns to week ended 1st November tests

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Approximate Statement of gross receipts of the Ghdzipur-Dilddringar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WREE ENDIEG RECEIPTS FOR WERE ENDI							TOTAL BECKEYTS DEOM 18T TO APRIL 1883 TO 18T DECEMBER 1883,				DECRIPTO PRO RIG 1896 TO 29: NOVEMBRE 1886	LII	Total	Total ip
	Mean tilease terked	Receipts.	Por culto worked.	Menn miteaste warked.	Heosipts.		Mean mileago worked.	Total receipts.	Per milo worked	Mean milenge worked.	Total receipts.	Per mile worked.	Increase in 1884.	deuroner für 1956.
		Jan.	Pa.		124.	Re.		Rs.	Ra.		Ra	Ha.	glià.	ku.
	16	903	78	12	^ 030	. 77	22	80,090	2,508	18	\$1,094	2,641	4,389	# ph ++>

BENGAL PROMINCIAL BAILWAYS.

Weekly Statement of Traffic Receipts.

Latest return		Longth	Backipus pog	AZET BARING	Total Recut Janu		Total	Total	Percentage	
reculved.	Name of Railway.	open.	18th October 11th Octob		To 18th Octo- ber 1888:	To 11th Octo- bet 1886.	in 1864.	in 1884.	of ducremen.	
1886.		Miles.	Re. A. P.	Ra. a. r.	Rs. A. P.	Ro. A. P.	Rs. A. P	Ra. A. P.		
11th October 17th do 20th do	Northern Bengal Tirhuot Nalhati	240 220 274	188,874 0 0 16,094 0 0 1,980 0 0	40,044 0 0 16,300 0 0 1,074 0 0	97,61,101 0 0 0.05,018 0 0 06,308 0 0		2,51,900 6	2,50,080 0 0 4,596 0 0	-11 +29 - 7	
	Total	5023	64,798 0 0	57,618 0 0	24,64,088 D 0	26,32,310 0 0	48,231 0	0	4 9	

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

					Ha. A. P.
Earnings for week ending 22nd November 1884	A 4 h	994	+ + +		8,669 0 0
Corresponding week last year	101	40.0	911	944	8,798 19 3
Decrease	410	449	814	**4	239 13 8
Receipts from 1st July to 22nd November 1884		449	014	114	1.81,648 2 5
from 1st July to 24th November 1883	***	***	114	111	1,76,690 4 4
Increase	940	M 1 P	4+4	***	4,957 14 1 Miles.
Miles open week ending 23nd November 1884	***	-	¥	***	50
Corresponding week last year	P-4-4	4.0	415		
Receipts per mile open week ending 22nd November	1884	***	100		Rs. A. P.
Corresponding week inst year	4+1	4 10 19	199	* * *	175 15 7
Decrease	404	**		***	4 12 B

DARJERLING, the 29th November 1884,

W. STEVENSON, Secretary.



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, DECEMBER 17, 1884.

OFFICIAL PAPERS.

Non-Subscribers to the Gazurer may receive the Supplement separately on payment of Sia Russes per annum if delivered in Calcutta, or Tuclve Rupees if eent by Poet.

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Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, 13th December 1884.

Bresent :

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL, President.

The Hon. H. J. REYNOLDS.

The Hon. A. Phillips, Acting Advocate-General.

The Hon. C. P. L. MACAULAY.

The Hon. A. P. MACDONNELL.

Colonel the Hon. S T. TREVOR, R.E. The Hon. C. B. GARRETT.
The Hon. Moulvie Abdul Jubbar.

The Hon. Chunder Madhub Ghose.

The Hon. A. B. MILLER.

The Hon. Kumar Boykantonath Dr.

The HON. RAI JOY PROKASH LALL BAHADOOR; and

The Hom. G. IRVING.

REGISTRATION OF PERMANENT TENURES.

The Hon. Mr. Reynolds moved for leave to introduce a Bill to provide for the registration of permanent tenures. He said: - You explained, Sir, on the last occasion of the meeting of this Council, the objects which this Bill is intended to attain, and its intimate connection not only with the legislation now before

the Council of the Governor-General on the subject of landlord and tenant, but also with the question of the performance of a long neglected duty—the establishment and maintenance of a record of rights throughout these Provinces. On this occasion it is only necessary that I should put before the Council the outlines of the scheme by which the Government proposes to effect the objects which it has in view. It is the desire and the intention of the Government to redeem to the utmost the promise which has been made to the zemindars that facilities shall be given them for the realization of their acknowledged rents. Of these rents a large proportion consists of the rents of tenures, and the experience of the working of the putnee sale regulation has shown that nothing so effectually secures the punctual payment of rent as a power of summary sale, without the formalities and delays of a suit, whenever the rent is allowed to fall into arrear. It would be impossible, however, for the Government to extend the putnee sale procedure to permanent tenures in general, unless such tenures were first registered: and the registration must be not merely in the serishta of the zemindar, but a registration in a public office, with proper securities for the interests of all parties concerned. Such a system of registration it is the object of this Bill to introduce.

For the scheme of the Bill, I have been much indebted to the report on the Tenancy Bill by Mr. R. C. Dutt, Collector of Backergunge, and to an excellent little pamphlet by Baboo Mohini Mohun Roy, in which he has sketched a plan for the registration and summary sale of tenures, and has also offered some valuable suggestions for simplifying the procedure of the courts in the trial of rent suits. The general proposals of the Bill will be as follows:—Applications for the registration of tenures are to be made to the Subordinate Judge, and may be made by either the zemindar or the tenure-holder. Notice of application will be given to the other party concerned, and also a general notice to all persons interested in the disposal of the case. If it is found that there is no dispute upon any material point regarding the conditions on which the tenure is held, the tenure will be at once admitted to registration: if there are disputes which cannot be summarily settled, issues will be framed and decided as in a regular suit. Whether the register should be kept up by the Court or by the Collector is a point upon which the scheme of the Bill differs from Baboo Mohini Mohun Roy's proposals. The Baboo thinks that the Subordinate Judge should not only decide the disputes, but should keep up the register in his own office. But it appears to the Government that the Collector's office is the proper place for a register of tenures, in the same way as the Collector is the officer who keeps the register of estates. The Bill accordingly provides that, when a tenure has been admitted to registration, the Subordinate Judge shall send the necessary particulars to the Collector, who will thereupon enter the tenure in his register.

The provisions for the maintenance of the register by the mutation of names in cases of transfer and succession will be embodied in the Bengal Tenancy Bill now under consideration by the Select Committee. Till the report of the Committee is published. I am not at liberty to say what those provisions are likely to be; but I have little doubt that any plan which the Committee may adopt can be made to fit in perfectly well with the scheme of this Bill. If the Select Committee were to recommend that transfers should be made only by a registered instrument or a public sale, it would be easy to provide that the registering officer, or the officer conducting the sale, shall notify the transfer to the Collector, and that the Collector, if no objections are offered by the parties con-

cerned, shall make the necessary mutation of names.

The next point to be considered is whether this registration of tenures shall be made compulsory, or shall be left optional. There is no doubt much to be said in favour of compulsory registration. For statistical purposes a compulsory system is necessary, as, whatever advantages registration may offer, we cannot hope to get a complete list of tenures unless we not merely permit, but require, all tenures to be registered. On the other hand, we are acting at present on imperfect information: we have only an approximate knowledge of the number of tenures in Bengal: we cannot judge of the proportion of cases in which entries are likely to be disputed, and we risk the danger of the scheme breaking down, if we attempt at once to fix a period within which all tenures must be brought under compulsory registration. On the whole, the

Government considers it the safer course to adopt the recommendation of Baboo Mohini-Mohun Roy, and (in the first instance at least) to make it optional with the parties to register their tenures or not. The Baboo thinks that this option will be largely used. "People," he remarks, "will readily come forward to register their own tenures and tenures held under them. Registration offers manifest advantages to both landlord and tenant, which will be quickly perceived and eagerly availed of." I agree with him in thinking that, under an optional system, a large number of applications will be made, but I should expect a much greater proportion to come from the landlords than from the tenants.

The Government, however, does not abandon the hope that a system of compulsory registration may eventually be found possible: and the Bill will therefore give the Government power to declare that all permanent tenures, within a local area to be specified in the notification, must be registered within a certain limit of time, in the same manner as proprietors were required to be registered by the Bengal Land Registration Act of 1876. Where this Chapter of the Bill is in force, the general procedure of the Land Registration Act would be followed, and one local area after another would be brought under the operation of the Chapter, till in the end the compulsory system had been introduced throughout the whole of the Lower Provinces. In such local areas, registration would be enforced by a section disqualifying unregistered tenure-

holders from suing for rent.

Such is the general scheme of the measure I ask leave to introduce a system of optional registration in the Collector's office under orders passed by the Subordinate Judge, with power to the Government to declare that in any local area registration shall henceforth be compulsory. The Government is fully aware that the duty which it thus proposes to undertake is one of great magnitude and considerable difficulty. Judging from the returns, incomplete as they probably are, furnished by the Road Cess papers, the number of tenures in Bengal considerably exceeds one million; and even under a system of optional registration, the work of dealing with the applications which will be made will impose a heavy burden on judicial and executive officers. But it is important to the well-being of these Provinces that the difficulties should be surmounted, and that the labour should be undergone. The registration of tenures is an essential element in the compilation of those agricultural statistics without which the Tenancy Bill will be an incomplete and unfruitful measure; it is to the registration of tenures that we must look for a large mass of useful information for the settlement of disputes, for the quieting of titles, and for the punctual realization of rents. And it will perhaps be found that the difficulties, serious as they may be, are not greater than can be overcome by diligence and method. When the Cess Act of 1871 was under discussion in this Council, it was confidently predicted that the scheme would be found to be unworkable. When the Land Registration Act of 1876 was introduced, it was said that the definition of the interests of all proprietors of land would prove an impossible task. We know now that these apprehensions were unfounded, and our experience of what has been done may well give us courage in attempting what remains to do.

I now move for leave to introduce the Bill, and, if leave is given, I hope that the Bill, the first draft of which is already in print, will be in the hands

of Hon. Members before the next meeting of the Council.

The motion was put and agreed to.

SUBURBAN WATER-SUPPLY.

The Hon. Mr. Reynolds moved that the Hon. Messrs. Garrett and Irving be added to the Select Committee on the Bill to provide for the supply of filtered water within the Municipality of the Suburbs of Calcutta.

The motion was put and agreed to.

The Council was adjourned to Saturday the 20th instant.

RESOLUTION ON THE REPORT OF THE PORT OFFICER, CALCUTTA, FOR THE YEAR 1883-84.

GENERAL DEPARTMENT-MARINE.

Calcutta the 15th December 1884.

RESOLUTION.

READ-

The Annual Report of the Port Officer, Calcutta, for the year 1883-84.

The Report is submitted by Captain A. W. Stiffe, but Captain Brebner was in charge of the department as Officiating Port Officer throughout the year.

2. The strength of the Pilot Service at the close of the year was 88, consisting of 63 qualified pilots of all grades and 25 Leadsmen, and First and Second Mates not yet promoted to the grade of Mate Pilots. The Port Officer repeats his former proposal to relax the rules for the promotion of Leadsmen Apprentices, so as to allow First Mate Leadsmen to appear for examination as Mate Pilots after having held First Mate's certificates for one year, but without having actually served as First Mates on board the pilot brigs. The Lieutenant-Governor is still not prepared to assent to this proposal in its original form, but he has allowed service on the steamer Undaunted to be reckoned as service on a brig up to a maximum limit of three months. Until it is shown that this concession fails to meet the difficulties represented there should be no change. Nothing but extreme necessity would justify any reduction in the period of service at the Sandheads now required from Leadsmen in the Pilot Service. It is satisfactory to find that the system of obtaining Leadsmen Apprentices from the training ships at home has continued to work well. It has been urged against this system that its practical working tends to restrict unduly the admission of many candidates into the Pilot Service who, though fit for the service, are unable to go through the course in the training ships. Rules are now in contemplation, which will enable Government to meet such cases when boys who have not passed the training ship's course can show that they are qualified for the work of the Pilot Service in respect of education, physical capacity, and nautical training.

3. The arrivals in Calcutta during the year numbered 1,085 vessels with a gross tonnage of 1,977,369 tons; and the departures 1,073 vessels, with a gross tonnage of 1,959,826. Although the number of vessels entering and leaving the Port fell off by 134, the gross tonnage was only 24,099 less than that of the exceptionally busy year 1882-83. This is due to the progressive increase in the average size of vessels visiting the Port, which is shown to have risen in the case of steamers from 1,300 tons in 1870-71 to 2,300 tons in 1883-84; and in the case of sailing ships during the same period from 1,000 tons to 1,200. This increase in the size not only enhances the difficulty and responsibility of the pilots' work, but leads to one grade obtaining more and another less than its fair proportion of the number of ships. Hence the necessity for periodical readjustments of the scale of tonnage a matter which will have to be considered in view of the reduced earnings of the grade of Master

Pilots.

The conduct of the Pilot Service is again favourably reported on, and no offences against discipline are said to have occurred. During the year the Branch Pilots piloted on an average 5-51 ships a month, the Senior Master Pilots 3.61, the Junior Master Pilots 2.71, and the Mate Pilots 3.75. Thirty-eight vessels were piloted by Leadsmen Apprentices when regular pilots were not available under the rules. The receipts under the head of pilotage during the year were Rs. 8,34,507. It has been represented lately that the pilotage charges of the Port are too high, and that they yield a large surplus which is amalgamated with General Revenues. Owing to the form of the accounts the question has not been fully cleared up, but the Accountant-General has been ordered to prepare accounts for the current year, which will show the financial position accurately. As far as can be at present judged there is reason to doubt the correctness of the representations made to the effect that the income is in excess of the expenditure.

5. Forty-two cases of vessels grounding and 14 collisions took place during the year as compared with 51 and 25 in 1882-83. Damage was done to only two of the vessels which grounded, the other casualties of this class being trivial. Of the collisions, on the other hand, 12 out of 14 caused damage, and in one case a steamer was sunk. Taking both classes of casualties together, the percentage of accidents to the number of vessels was 2.59 as compared with 3.31 in the previous year.

6. Four Courts for the trial of Pilots under Act XII of 1859, and eleven departmental enquiries, were held during the year. In two cases only was any substantial punishment inflicted upon the Pilots in charge. Two Special Courts of Enquiry under Act IV of 1875 were held to enquire into the stranding of the British India steamer Chinsura on Dowdeswell's Island near False Point, and the loss of the Scottish Chieftain on the Middle Andaman Island. In each

case the Master's certificate of competency was suspended for three months.

7. The S. S. Undaunted was employed as usual in conveying pilots to the Sandheads when the supply available to bring up in-coming vessels had run short, on visits of inspection to Chittagong and Orissa, and in endeavouring to assist vessels in special difficulties. A new pilot brig, the Sarsuti, arrived from England in October 1883, but alterations had to be made in her in order to render her fit for service at the Sandheads. The Chinsura was laid up as a hulk. The Coleron and Cassandra are both in fair order, so that there are now three pilot brigs available. Two will be always at the Sandheads while the third is undergoing repairs, and unless serious accidents occur, there will be no risk of vessels being detained owing to there being too few brigs on the station.

risk of vessels being detained owing to there being too few brigs on the station.

8. The number of candidates for certificates of competency as sea-going officers of various grades rose from 91 to 102, of whom 57 passed. The Colonial certificates granted comprised six Masters', fifteen First Mates', seven Second Mates', three First Class Engineers', and two Second Class Engineers'. Nine candidates applied for examination for certificates as Commanders of inland vessels. Six passed and two failed, and one did not appear. Four vessels were registered under the Merchant Shipping Act of 1854, and the registry of five vessels was cancelled. Only one vessel was registered under the Indian Act X of 1841.

9. During Captain Stiffe's absence, the department was efficiently administered by Captain Brebner, Officiating Port Officer.

By order of the Lieutenant-Governor of Bengal,

A. P. MACDONNELL,

Secretary to the Government of Bengal.

PROSPECTS OF CROPS.

In continuation of the Resolution of the 18th November 1884, on the subject of the rainfall and the prospects of crops in Bengal during the current year, the following further papers on the subject are published for general information.

A. P. MACDONNELL, Secretary to the Government of Bengal.

No. 824G., dated Bankipore, the 27th November 1884. From-F. M. HALLIDAY, Esq., Commissioner of the Patna Division, To-The Secretary to the Government of Bengal, Revenue Department.

In continuation of this office No. B.G., dated the 80th ultimo, I have the honour to submit a further report on the state and prospects of the crops in the Nowada sub-division

in Gya, and the Behar sub-division in Patna.

Mr. Macpherson, Sub-Divisional Officer of Nowada, writes, under date the 5th instant, that prospects have been much improved by the rain of the 24th to the 26th October last, which fell all over the sub-division. No rain had been registered at Nowada before this fall since the 4th October last. Much of the planted paddy has been saved by the rain, which has also permitted of a further extension of rubbi cultivation. The rubbi crop of the sub-division should be an unusually large and good one. The fact remains that, over a large area of t sub-division, no rice at all was planted this year, and that in many more fields the rice planted has died, or has become very thin on account of the long drought. This failure has moreover come after two years of scarcity. That cultivators. and labourers are much pinched in the bad parts of the sub-division there can be no doubt It is stated that there is more distress in Pakri Barawan than in other parts of the sub-division.

4. On the subject of the provision of labour and relief works, the Sub-Divisional Officer writes as follows :-

"You have directed that the works of repairing and widening the Pakri Barawan. Pachamba and the Warsahgunge to Dergawan roads shall be at once begun. The sums of Rs. 204 and Rs. 160 have been provided for these two roads, respectively, in the sanctioned budget estimate of the Nowada Branch Committee for the year 1884-85, but I understand that more money is to be made available for improving these roads, which traverse or are close to the most distressed parts of the sub-division, i.e., the parts of the sub-division where the failure of the paddy crop has been greatest. You have directed me to report whether the road cess allotment to the sub-division should be increased. I beg that it may be increased by whatever amount it may be considered necessary to spend on the abovenamed roads in addition to the sums already budgeted for. I do not know what may be the revised estimate of expenditure on these roads, which has been framed, or is to be framed, by the District Engineer. The roads are both important, the second named one specially so, and I think that Rs. 1,000 might profitably be spent on each. I would not wish to provide the additional money for these roads by transfer from the grants made over to the Branch Committee for the other roads of the sub-division; only Rs. 6,505 in all has been allotted to the Branch Committee. and I am not prepared to say that works budgeted for can be given up in order that more money may be spent by the Branch Committee on the two roads above named.

5. "I beg to express my concurrence in your view of the state of things that it is

ordinary labour, and not famine relief, which should at present he provided; and I think that probably sufficient labour will be provided by spending Rs. 2,000 on the roads named above in addition to the other sanctioned allotments for the sub-division. It is, however, very important that labour should be provided in and close to all the most distressed villages of the sub-division, in order that weak and feeble persons may be able to get some work without going far from their homes, even though they may not be able to do a full day's work. In such cases I would not of course give a full day's pay, two anuns, but something less. I append a statement, No. 2, which will show you what allotments are already sanctioned for work on roads in and near the more distressed villages. There is also an allotment of Rs. 1,000 (included in the total grant of Rs. 6,505) for "village road," which the Branch Committee will no doubt consent to spend chiefly in the most distressed villages. I have asked for information from the police and from other persons as to what are the most distressed villages in the sub-division (explaining that by this I mean the villages where the failure of the paddy crop this year has been greatest) and as

to what works can be undertaken in those villages.

6. "The works named in the appended statement No. III have been suggested to me. You will notice that they are all in villages where there has been a great failure of the

paddy crop. With regard to the supervision of these small village road works, I will probably propose that the small sums to be spent on them be placed in the hands of respectable resident zemindars, whom I will instruct that it is specially desired that weak and feeble labourers should be encouraged to do what work they can.